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ABSTRACT

This teacher resource guide features educational materials on agriculture. It is divided into three sections. California Foundation for Agriculture in the Classroom (CFAITC) Programs, Services and Instructional Materials provides information about the conferences, summer programs, newsletters, and lesson plans provided by CFAITC. Educational Resources on Agriculture lists resources from various entities on specific topics and commodities. Additional Agricultural Facts and Information provides a variety of additional information including agricultural web sites, county agricultural information, phone numbers, and a reproducible California agriculture quiz. (CCM)

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ED 430 784

California Foundation for 1998 Agriculture in the Classroom

Teacher Resource Guide

A GUIDE TO EDUCATIONAL MATERIALS ABOUT AGRICULTURE

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California Foundation for Agriculture in the Classroom

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THE *TEACHER RESOURCE GUIDE*

Provided **free** to California public and private school teachers.

Cost to others outside of California is $5.00 including shipping and handling.

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1998 Teacher Resource Guide

A GUIDE TO EDUCATIONAL MATERIALS ABOUT AGRICULTURE

California Foundation for Agriculture in the Classroom

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The California Foundation for Agriculture in the Classroom is a nonprofit 501(c)(3) educational organization that promotes a greater awareness and understanding of agriculture's role in our daily lives through teacher training programs, student programs, public awareness programs and classroom resource materials.

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How to Use this Book

How can I make my lessons seem real to my students?

How can I make my lessons fun and exciting?

Use lessons that relate to AGRICULTURE!

Materials for teaching about agriculture are plentiful. This *1998 Teacher Resource Guide* provides you with a variety of resources to use with your students. Take a look inside this guide. We are certain you will find an abundance of useful resources!

The *1998 Teacher Resource Guide* is divided into three sections:

Section 1: ***California Foundation for Agriculture in the Classroom Programs, Services and Instructional Materials*** provides information about the conferences, summer programs, newsletters and lesson plans provided by the California Foundation for Agriculture in the Classroom.

Section 2: ***Educational Resources on Agriculture*** lists resources from various entities about specific topic areas and commodities. Contact these organizations regarding the resources listed or ask representatives specific questions about their topic areas.

Section 3: ***Additional Agricultural Facts and Information*** provides a variety of information including agricultural web sites, county agricultural information, phone numbers, a reproducible California agriculture quiz and more!

As always, the California Foundation for Agriculture in the Classroom (CFAITC) likes to hear from individuals who use our resources. An evaluation form is located on the back page of this guide. Please complete and return it to us so we can make the 1999 edition of the *Teacher Resource Guide* better than ever! This page also includes an order form for next year's *Teacher Resource Guide*. We look forward to sending you next year's edition!

Thank you for your interest in educating others about agriculture!

Section 1

California Foundation for Agriculture in the Classroom

Programs, Services and Instructional Materials

CFAITC Introduction

CFAITC Programs

CFAITC Instructional Materials Subject Matter Matrix

CFAITC Instructional Materials

CFAITC Instructional Materials Order Form

California Heartland Order Form

An Introduction to California Foundation for Agriculture in the Classroom

What is Agriculture in the Classroom (AITC)?

Agriculture in the Classroom is designed to help students, kindergarten through twelfth grade, acquire the knowledge needed to become agriculturally literate. Through various programs and resources, educators are encouraged to teach more about agriculture and the role it plays in our economy and society.

What is the California Foundation for Agriculture in the Classroom (CFAITC)?

CFAITC is a 501(c)(3) nonprofit educational foundation that sponsors many projects for teachers and students in an effort to increase their understanding of agriculture's impact in today's world. The projects in the four major areas of teacher training, student programs, resource materials and public awareness are designed to offer a variety of educational opportunities for California schools.

Why is it important to teach my students about agriculture?

Although less than two percent of our nation's population is directly involved in agricultural production, a healthy agricultural system is vital to everyone's daily life. Agriculture provides the basic necessities of food, clothing and shelter, yet many of us take for granted the ease with which we obtain these items. Additionally, the important economic impact of agriculture in California, the United States and the world is often not realized.

Do other teachers use AITC?

Educators at all levels, from classroom teachers to administrators, have used or supported the use of AITC in both rural and urban areas. AITC programs and materials are reviewed by educators to determine that their content is accurate and appropriate for classroom use.

Agriculture is a great tool to help students connect what they learn in the classroom to their daily lives. I use bits and pieces of knowledge I gain from Ag in the Classroom resources in my science teaching almost every day.

—Middle School Science Teacher, Solano County

How do I get started?

Numerous resources are available about agriculture. Start a small resource kit by ordering materials in this *Teacher Resource Guide*. Try some AITC lesson plans and order posters to decorate your classroom. Sign up to receive *Cream of the Crop*, CFAITC's newsletter for educators. Contact the Foundation or your local county Farm Bureau for educational materials and programs in your area.

Where can I go for additional help?

Contact the AITC Ambassador at your school. This person receives materials from the Foundation on a regular basis. Contact AITC if you do not know who your school Ambassador is or would like to become the Ambassador at your school. Consider attending the annual AITC Conference in October and applying for the Summer Agricultural Institute. Watch for announcements of upcoming events in the *Cream of the Crop* newsletter for educators.

CFAITC Programs

TEACHER PROGRAMS

AITC Ambassador Program
CFAITC Conference (October 15-17, 1998, Sacramento)
County Agricultural Seminars
Summer Agricultural Institute (Entry deadline March 31)
University Student Teacher Program

STUDENT PROGRAMS

Imagine this... Story Writing Contest (Entry deadline November 10, 1998)
Support of County Farm Bureaus for Local Programs

CLASSROOM RESOURCE MATERIALS

Cream of the Crop Newsletters
Teacher Resource Guide
Lesson Plans
Commodity and Natural Resource Fact and Activity Sheets

PUBLIC AWARENESS PROGRAMS

Agriculture and Education Conferences and Exhibits
Internet Access to AITC Materials
Regional Resource Centers for AITC Programs and Materials

For More Information Contact:
California Foundation for Agriculture in the Classroom
Post Office Box 15949
Sacramento, CA 95852-0949
(916) 561-5625 • (800) 700-AITC
Fax: (916) 561-5697
E-Mail: cfaitc@cfbf.com
Web Site: www.cfaitc.org

Name_____

School_____

School Address_____

City_____ State_____ Zip_____

District_____

County_____

Home Address_____

City_____ State_____ Zip_____

School Phone (____)_____

I teach_____ grade:___multiple subjects ___single subject_____

Please:

__Place on *Cream of the Crop* mailing list.

__Send a Summer Agricultural Institute brochure.

__Send an AITC Ambassador brochure.

__Send an *Imagine this...* Story Writing Contest brochure.

__Update my contact information as completed here.

Please send materials to my home/school.
circle one

Home Phone (____)_____

CFAITC
Instructional Materials Subject Matter Matrix

		Grade Level	Science/Environmental	Mathematics	English/Language Arts	History/Social Science	Physical Education	Health/Nutrition	Visual/Performing Arts	Spanish Worksheets	Slides/Photographs
The Mysterious Plant Caper	CU 400	K-1	●	●	●				●	●	
Wheat to Oodles of Noodles	SAI 613	K-1	●		●	●		●			
A Garden Plot – The Tale of Peter Rabbit	SAI 601	K-2	●	●	●			●	●		
Farming Equipment	SAI 606	K-3	●	●	●						
The Invaders	CU 406	K-3	●	●	●	●			●		●
Tomato Trivia	SAI 610	K-3	●	●	●						
Tree to Table	CU 410	K-3	●	●	●	●		●	●		
What Does a Farmer/Rancher Do?	SAI 612	K-3	●			●			●		
Science Fair and Lesson Ideas	SAI 608	K-12	●	●							
There Are Sunflowers At My School!	SAI 614	K-12	●	●	●	●		●	●		
Edible Plant Parts	SACP 103	2-3	●		●			●	●		●
Where Does It Come From?	SACP 113	2-3	●		●	●			●		●
Simple and Complex Machines Used in Agriculture	SACP 109	2-4	●	●	●				●		
What Do Plants Need to Grow?	CU 401	2-4	●	●	●			●	●	●	
Edible Numbers	SACP 114	2-8	●	●				●	●		
Create-A-Hybrid	SAI 605	3-8	●		●	●		●	●		
That Was Then...This Is Now!	SAI 609	3-10	●	●				●	●		
Fruits and Vegetables for Health	CU 409	4-6	●	●	●	●		●			
Invasion of the Medfly	CU 405	4-6	●	●	●	●		●	●		●
Running Across the U S A	SAI 607	4-6	●	●	●	●	●	●	●		
What's Bugging You?	SACP 112	4-6	●	●	●	●			●		
What Are You Eating?	SACP 111	4-6	●	●	●	●		●			
Counting On Cooperatives	CU 411	5-6		●	●	●			●		
Where'd You Get Those Genes?	CU 408	5-6	●	●	●	●			●		
How Much Is Too Much? How Little Is Too Little?	CU 402	5-8	●	●	●						●
A "Sour" Subject	SAI 602	5-8	●	●	●						
Starting All Over Again (The Cycles of Nature)	CU 402A	6-8	●	●	●				●		
Agricultural Awareness Through Poetry	SAI 603	7-8	●		●						
From Genes to Jeans	CU 407	7-9	●		●				●		
An Ag Interview	SAI 604	9-12	●	●	●						
The Interrelationships of Soil, Water and Fertilizers	CU 403	9-12	●	●	●				●		
Water! Water! Everywhere and Barely a Drop to Drink	SAI 611	9-12	●	●							
The Chemistry of Fertilizers	CU 404	10-12	●	●	●				●		
Genetic Engineering in Agriculture	CU 412	10-12	●	●	●	●					

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CFAITC Instructional Materials

The California Foundation for Agriculture in the Classroom lessons and units are correlated to the frameworks for California Public Schools and have been written, field-tested and reviewed by educators. Cooperative learning, individual and group problem solving and critical thinking activities encourage students to "construct" their own knowledge about agricultural concepts while developing skills in science, mathematics, English/language arts, history/social science, health/nutrition and the visual and performing arts.

LESSON PLANS AND COMPREHENSIVE UNITS

Grades K-1

The Mysterious Plant Caper *by Joanne Borovoy and Karen Holtman*

Students use observation and evaluation skills in a series of scientific experiments and hands-on multi-curricular activities to learn the basic parts of plants and that plants are living things which require water, air, light and nutrients for survival. Lesson titles include "Between a Rock and a Hard Place" and "Something Smells Fishy."

$10.00 order # CU 400

Grades K-1

The Mysterious Plant Caper Spanish Worksheets *by Elsa Emery*

Spanish student activity sheets for *The Mysterious Plant Caper* comprehensive unit.

$3.00 order # CU 400S

Grades K-1

Wheat to Oodles of Noodles *by Carolyn Espinosa*

Students gain a better understanding that the food they eat comes from farmlands. They study how wheat grows and make noodles from wheat flour.

$2.00 order # SAI 613

Grades K-2

A Garden Plot – The Tale of Peter Rabbit *by Donica O'Laughlin*

Students use this lesson to relate *The Tale of Peter Rabbit* to a garden they grow themselves - a great way to integrate mathematics, language arts and science!

$2.00 order # SAI 601

Grades K-3

Farming Equipment *by Tammie Miller-Stanley*

This lesson offers primary students the opportunity to practice categorizing and sequencing skills with farm machinery.

$2.00 order # SAI 606

Grades K-3

The Invaders *by Kelly King and Cynthia Livingston*

In this comprehensive unit, students become detectives and gather evidence against the suspect (the pesky Mediterranean fruit fly). Science, mathematics, nutrition, language arts, geography and visual arts concepts are incorporated.

$10.00 order # CU 406

Grades K-3

Tomato Trivia *by Kathleen Schinski and Frances Vaughn*

Using tomatoes as a theme, this lesson provides students with practice in the math and science skills of estimating, counting, sequencing and graphing.

$2.00 order # SAI 610

Grades K-3

Tree to Table *by Kelly King and Cynthia Livingston*

Integrates language arts, mathematics, science, social science, and visual and performing arts concepts while following food production from the tree to the table.

$10.00 order # CU 410

Grades K-3

What Does a Farmer/Rancher Do? *by Laurie Rossi*

After analyzing photographs and pictures, students discover the many occupational roles of farmers and ranchers. A fun art activity is also included in this lesson.

$2.00 order # SAI 612

Grades K-12

Science Fair and Lesson Ideas *by Pamela Emery*

This extensive handout includes ideas on how you and your students can incorporate agriculture into science lessons and science fair projects.

$2.00 order # SAI 608

Grades K-12

There Are Sunflowers At My School! *by Denise Benavides*

This handout provides tips on how to start a student garden or mini-farm at your school. A lengthy resource section is included.

$2.00 order # SAI 614

Grades 2-3

Edible Plant Parts *by Karen Chambers and Pamela Emery*

This unit inspires students to think about the fruits and vegetables they eat and categorize them into edible roots, stems, leaves, flowers, fruits and seeds. Agricultural topics are incorporated into several curricular areas including literature, art, science and mathematics. *Edible Plant Parts* photographs are available for this unit.

$10.00 order # SACP 103

Grades 2-3

Where Does It Come From? *by Amy Cage and Pamela Emery*

Students examine a variety of food and fiber products. Through hands-on activities and experiments, students learn about the raw sources of food and fiber products, trace a product back to the farm, and examine food packaging and storage techniques. *Where Does It Come From?* slides are available for this unit.

$10.00 order # SACP 113

Grades 2-4

Simple and Complex Machines Used in Agriculture *by Tonja Cargill and Pamela Emery*

This unit incorporates many science and math concepts as students learn about farm machinery and the use of machines in agricultural practices. Concepts focus on simple machines such as inclined planes, levers and pulleys and show how these simple machines are combined to form complex agricultural equipment.

$10.00 order # SACP 109

Grades 2-4

What Do Plants Need to Grow? *by Pamela Emery*

In this comprehensive science unit, students learn that plants, in order to survive and reproduce, require certain nutrients. Thirteen interrelated hands-on lessons and activities allow students to experiment with plants and relate what they learn to the food they eat.

$10.00 order # CU 401

Grades 2-4

What Do Plants Need to Grow? Spanish Worksheets *by Elsa Emery*

Spanish student activity sheets for the *What Do Plants Need To Grow?* comprehensive unit.

$3.00 order # CU 401S

Grades 2-4, 5-6, 7-8

Edible Numbers *by Pamela Emery and Gina Hieb*

Edible Numbers provides teachers with lessons that relate grocery advertisements to classroom mathematics and nutrition education. Food origins, nutrition, problem solving, and grade-level appropriate mathematics are taught in three separate grade level units.

$10.00 order # SACP 114

Grades 3-8

Create-A-Hybrid *by Deanna Desmond*

In this science lesson, students study and create hybrids and learn how agriculture is an ever-changing industry that continually challenges itself to meet consumer needs and demands.

$2.00 order # SAI 605

Grades 3-10

That Was Then...This Is Now! *by Henry Conserva*

In this lesson, students practice mathematical computations and graphing skills as they compare and analyze how the price of food has changed over time.

$2.00 order # SAI 609

Grades 4-6

Fruits and Vegetables for Health *by Brenda Byers and Priscilla Naworski*

This comprehensive unit teaches students about the production, distribution and nutritional value of California fresh produce. Geography, language arts, mathematics, health and nutrition concepts are incorporated.

$10.00 order # CU 409

Grades 4-6

Invasion of the Medfly *by Jerry Delsol and Holiday Matchett*

This comprehensive unit teaches students about the pesky and persistent Mediterranean fruit fly. Students learn science concepts, review California and world geography, practice reading and writing, perform art projects and use mathematics in this exciting unit.

$10.00 order # CU 405

Grades 4-6

Running Across the U.S.A. *by Ethan Heifetz*

In this cross-curricular lesson, students learn about the regions of the United States, including agricultural highlights, as they participate in an exercise program.

$2.00 order # SAI 607

Grades 4-6

What Are You Eating? *by Pamela Emery and Karen Traiger*

Students learn about plant anatomy and edible plant parts through four hands-on, interactive lessons which include practice in problem-solving, research and classification.

$10.00 order # SACP 111

Grades 4-6

What's Bugging You? *by Pamela Emery and Ethan Heifetz*

Students learn how farmers and ranchers use Integrated Pest Management (IPM) to reduce the damage caused by agricultural pests while protecting the environment. Science, social science, language arts and mathematics concepts are covered in this hands-on unit.

$10.00 order # SACP 112

Grades 5-6

Counting On Cooperatives *by Nancy Harris and Michael Jarman*

This six lesson unit introduces students to the study of economics including an introduction to the basic business types and systems. Social studies, history and mathematics concepts are reinforced in this motivating unit which highlights agricultural cooperatives.

$10.00 order # CU 411

Grades 5-6

Where'd You Get Those Genes? *by Beth Brookhart and Pam Schallock*

This five lesson unit allows students to learn the basic concepts of genetics using agricultural commodities as examples and then apply these concepts to current trends in genetics, including genetic engineering. The non-sequential lessons may be used at different times throughout the school year.

$10.00 order # CU 408

Grades 5-8

A "Sour" Subject *by Thom Jones*

This lesson permits students to reinforce their skills of observation, mathematical computation and written expression by comparing a grapefruit to a lemon. A fun lesson on percentages!

$2.00 order # SAI 602

Grades 5-8

How Much Is Too Much? How Little Is Too Little? *by Pamela Emery*

Taking further the idea that plants require certain nutrients, students discover, through hands-on activities, that nutrients are required in proper forms and amounts. Lesson titles include "What's Wrong With Me?" and "Can There Really Be Too Much of a Good Thing?" The *Plants With Nutrient Deficiencies* slides can be used with this comprehensive science unit.

$10.00 order # CU 402

Grades 6-8

Starting All Over Again (The Cycles of Nature) *by Lois Bechely and Karen Traiger*

Middle school students perform activities, experiments and a cross-curricular role play to learn the importance of cycles in nature and their relationships to the production of food and life on planet Earth. Carbon/oxygen, water, rock/soil and nitrogen cycles are examined. This unit may be used as a supplement to *How Much Is Too Much? How Much Is Too Little?*

$10.00 order # CU 402A

Grades 7-8

Agricultural Awareness Through Poetry *by Alta Bjornsen*

Focusing on agricultural terminology, students will analyze poems by Robert Frost and other authors, then write an agricultural poem of their own.

$2.00 order # SAI 603

Grades 7-9

From Genes to Jeans - An Activity-Based Unit on Genetic Engineering and Agriculture
by John Vogt and Mary Yale

Students are introduced to the genetic research and technologies associated with agriculture. Students are provided with the scientific principles and tools associated with genetics and are encouraged to use their knowledge to think critically, creatively and freely about the viability and ethics associated with genetic engineering and agriculture. Careers related to science and agriculture are also introduced.

$10.00 order # CU 407

Grades 9-12

An Ag Interview *by Maggie Freeman*

Economic students gain a greater awareness of the role agriculture plays in the economy and analyze the mutual interdependence between society and agriculture. History and economics concepts are incorporated in this lesson.

$2.00 order # SAI 604

Grades 9-12

The Interrelationships of Soil, Water, and Fertilizers and How They Affect Plant Growth
by Pamela Emery

This comprehensive unit offers high school students the opportunities to perform guided classroom science projects and relate their newly gained knowledge to current agricultural issues including groundwater quality and sustainable agriculture. A problem-solving role-play concludes the unit.

$10.00 order # CU 403

Grades 9-12

Water! Water! Everywhere and Barely a Drop to Drink *by Betty Hartnett*

Physical and earth science topics help students develop a knowledge of state and global water distribution.
$2.00 order # SAI 611

Grades 10-12

The Chemistry of Fertilizers *by Jean Kennedy*

High school students use fertilizer science as a tool to apply chemistry to real world situations. Hands-on experiments, activities, practice problems, discussions and writing assignments are incorporated as students learn to break compounds into ions, make a fertilizer and test several fertilizers for phosphate content.
$10.00 order # CU 404

Grades 10-12

Genetic Engineering in Agriculture *by Suzanne Weisker*

This unit designed for advanced science students introduces biotechnology and genetic engineering in a format that supports critical thinking and problem solving. Bacterial transformation activities are performed in this unit that highlight a current agricultural challenge – the gossypol content in cotton.
$10.00 order # CU 412

PHOTOGRAPHS, SLIDES, VIDEOS AND MORE

Edible Plant Parts

These colorful photos of fruits and vegetables accompany the *Edible Plant Parts* unit SACP 103.
28 photographs
$12.00 order # PSV 201

Where Does It Come From?

These slides, which accompany the *Where Does It Come From?* unit (SACP 113), show the origins of many foods. 18 slides
$19.00 order # PSV 205

Plants With Nutrient Deficiencies

These slides of nutrient deficient plants give students a visual picture of what happens if plants do not receive the appropriate amount of nutrients. These slides accompany the *How Much Is Too Much? How Little Is Too Little?* unit CU 402.
10 slides
$12.00 order # PSV 206

Imagine this... 1997-98 Video

This 30-minute video of colorful, agriculturally-related stories was written by the *Imagine this...* story writing contest winners in grades 2-8. High school students illustrated the winning stories. This video was released to media statewide.
$10.00 order # PSV 211

Commodity and Natural Resource Fact and Activity Sheets

Educators and students learn about the production, history, economic value and other information about a variety of agricultural commodities and resources. The activity suggestions help educators generate lesson plan ideas.
1 set free order # FA 98

CFAITC Instructional Materials

Order Form

Lesson	Grades	Title	Price	#	Total
CU 400	K-1	The Mysterious Plant Caper	$10.00		
CU 400S	K-1	The Mysterious Plant Caper Spanish Student Worksheets	3.00		
CU 401	2-4	What Do Plants Need to Grow?	10.00		
CU 401S	2-4	What Do Plants Need to Grow? Spanish Worksheets	3.00		
CU 402	5-8	How Much Is Too Much? How Little Is Too Little?	10.00		
CU 402A	6-8	Starting All Over Again (The Cycles of Nature)	10.00		
CU 403	9-12	The Interrelationships of Soil, Water and Fertilizers and How They Affect Plant Growth	10.00		
CU 404	10-12	The Chemistry of Fertilizers	10.00		
CU 405	4-6	Invasion of the Medfly	10.00		
CU 406	K-3	The Invaders	10.00		
CU 407	7-9	From Genes to Jeans - An Activity-Based Unit on Genetic Engineering	10.00		
CU 408	5-6	Where'd You Get Those Genes?	10.00		
CU 409	4-6	Fruits and Vegetables for Health	10.00		
CU 410	K-3	Tree to Table	10.00		
CU 411	5-6	Counting On Cooperatives	10.00		
CU 412	10-12	Genetic Engineering in Agriculture	10.00		
SACP 103	2-3	Edible Plant Parts	10.00		
SACP 109	2-4	Simple and Complex Machines Used in Agriculture	10.00		
SACP 111	4-6	What Are You Eating?	10.00		
SACP 112	4-6	What's Bugging You?	10.00		
SACP 113	2-3	Where Does It Come From?	10.00		
SACP 114	2-8	Edible Numbers	10.00		
SAI 601	K-2	A Garden Plot - The Tale of Peter Rabbit	2.00		
SAI 602	5-8	A "Sour" Subject	2.00		
SAI 603	7-8	Agricultural Awareness Through Poetry	2.00		
SAI 604	9-12	An Ag Interview	2.00		
SAI 605	3-8	Create-A-Hybrid	2.00		
SAI 606	K-3	Farming Equipment	2.00		
SAI 607	4-6	Running Across the U.S.A.	2.00		
SAI 608	K-12	Science Fair Lesson Ideas	2.00		
SAI 609	3-10	That Was Then...This Is Now!	2.00		
SAI 610	K-3	Tomato Trivia	2.00		
SAI 611	9-12	Water! Water! Everywhere and Barely a Drop to Drink	2.00		
SAI 612	K-3	What Does a Farmer/Rancher Do?	2.00		
SAI 613	K-1	Wheat to Oodles of Noodles	2.00		
SAI 614	K-12	There Are Sunflowers At My School!	2.00		
PSV 201	2-3	Edible Plant Parts - Photographs	12.00		
PSV 205	2-3	Where Does It Come From? - Slides	19.00		
PSV 206	5-8	Plants With Nutrient Deficiencies - Slides	12.00		
PSV 211	2-12	*Imagine this...* 1997-98 Video	10.00		
FA 98	K-12	Commodity and Natural Resource Fact/Activity Sheets - 1998	1 set free		
		Subtotal			
		Sales Tax: If in Sacramento County, 7.75% All other California sales, 7.25%			
		Total			

Payment must be included with order.
Prices include S&H for domestic mail.
Sales tax must be added to all orders.
Additional charge for overseas orders.
Allow 4-6 weeks for delivery.

NAME_____ **COUNTY**_____

SCHOOL NAME_____ **DAYTIME PHONE (____)**_____

SCHOOL ADDRESS_____ **HOME PHONE (____)**_____

CITY_____ **STATE**_____ **ZIP**_____ **FAX**_____

Mail check or purchase order to California Foundation for Agriculture in the Classroom, Post Office Box 15949, Sacramento, CA 95852-0949

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California Heartland

California Heartland is a series of 52 half-hour programs combining stories with fun facts about California's $22 billion agricultural industry. It is produced by KVIE Public Television, Sacramento. The series is shown weekly on all PBS affiliates throughout California. Refer to the schedule below or contact your local PBS station for the air time in your area.

Teachers are encouraged to watch the show with their students as it is an entertaining educational tool.

Sample Episode Contents

Episode #101 - A Fresno peach farmer talks about urban development and farmland. Watch a taste test of a Japanese snack of almonds and sardines. Visit the Los Angeles wholesale produce market. Learn how to get farm fresh produce without leaving home through community supported agriculture. Go to tractor driving school at UC Davis. Learn how Royal Farms in Tulare generates electricity from hog waste.

Episode #107 - Butterflies for sale! A San Pasqual elementary school raises the insects for sale to the San Diego Animal Park. Avocado rustlers threaten Southern California ranches, and Heartland follows local sheriffs on dirt bikes as they patrol. Fresno State professor Victor Davis Hansen discusses the decline of the family farm; a profile of how the Future Farmers of America benefits youth; and a visit to the Loomis Eggplant Festival.

Episode #111 - Experience a day in the life of agriculture inspectors at the busiest border in the world — the San Diego/Tijuana border. It's grist for thought at an old fashioned grist mill. Go to the auction block in Shasta for a fast moving livestock auction.

Station	Location	Times*
KCET/28	Los Angeles	Sat. 10 am
KQED/9	San Francisco	Sat. 3 pm
KTEH/54	San Jose	Sat. noon
KIXE/9	Redding	Sun. 6 pm Mon. 12:30 pm
KVPT/18	Fresno	Sun. 2:30 pm Mon. 7 pm
KVIE/6	Sacramento	Sun. 6:30 pm Mon. 10 pm Tue. 6 pm
KRCB/22	Rohnert Park	Sat. 7 pm
KVCR/24	San Bernardino	Tue. 7 pm
KOCE/50	Huntington Beach	Fri. 5:30 pm Sat. 6:30 pm
KEET/13	Eureka	Tue. 7:30 pm
KNPB/5	Reno	Sat. 5 pm
KCSM/60	San Mateo	Mon 7 pm
Cablevision/3	San Diego	Sun. 6:30 pm
Cox/14	San Diego	Mon. 7:30 pm

*Times subject to change.

For a detailed list of every episode and its program contents contact the home page www.californiaheartland.org or CFAITC at Post Office Box 15949, Sacramento, California 95852-0949, (916) 561-5625, (800) 700-AITC or E-Mail cfaitc@cfbf.com. Call for price on set of 52 episodes.

To Order

Name			
School Name (if applicable)			
Address			
City		**State**	**Zip**
Daytime Phone ( )		**County**	
Episode #	**Description**	**Quantity**	**Total**
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		_____ x $15	
		_____ x $15	
		Subtotal	
		Sales Tax: If in Sacramento County, 7.75% All other California sales, 7.25%	
		Total	

Please mail check or purchase order to:

California Foundation for Agriculture in the Classroom
Post Office Box 15949
Sacramento, CA 95852-0949

Please allow 4-6 weeks for delivery.

BEST COPY AVAILABLE

Section 2

Educational Resources on Agriculture

This guide is designed to help educators locate high quality resources on agriculture and lists educational material available for minimal or no charge. Most materials have been reviewed by the Foundation and are considered suitable for classroom use. However, inclusion in this guide does not constitute an endorsement. Request materials on school letterhead and mention the California Foundation for Agriculture in the Classroom (CFAITC) when ordering.

Resources by Subject Listing

AGRICULTURE - GENERAL

Ag Access: Agricultural Book Source
Access web site for listings of agricultural books on crops, water, livestock, horticulture, business and land use.

Grades K-adult

Ag Access (web site contact only)
Web Site: http://www.mother.com/agacess

Ag Experience
Teaching kits provide materials and activities for hands-on lessons about agriculture. Kit titles include *California Farm Facts Fun* and *Wool Spinning Kit*. Teacher inservices on agricultural resources and ideas are also available.

Grades K-12
Free brochure

Ag Experience
3144 North "G" Street, #125-141
Merced, CA 94340
(209) 358-9057 Fax: (209) 384-1378

Benny Broccoli and His Buddies – Cultivating an Interest in Agriculture
Educational program offers games, projects and whole-language story ideas.

Grades 2-4
Free

American Crop Protection Association
1156 Fifteenth Street NW, Suite 400
Washington, DC 20005
(202) 872-3863 Fax: (202) 463-0474
E-Mail: margaret@acpa.org

California Agricultural Resource Directory
Includes facts and figures, county-by-county statistics, and an extensive directory of industry resources and contacts. Also contains production and export statistics, key facts about California agriculture, information on CDFA services and marketing trends.

Grades 4-adult
$15

California Department of Food and Agriculture
CA Agricultural Statistics Service
Post Office Box 1258
Sacramento, CA 95812-1258
(916) 498-5161 Fax: (916) 498-5186
Web Site: http://www.cdfa.ca.gov

California Agriculture Publication
Bimonthly full-color magazine on agriculture research by the University of California.

Grades 9-12
Free subscription within United States

California Agriculture
Division of Agriculture and Natural Resources
University of California
1111 Franklin Street, 6th Floor
Oakland, CA 94607-5200
(510) 987-0044 Fax: (510) 465-2659
E-Mail: calag@ucop.edu
Web Site: http://danr.ucop.edu/calag/

Cream of the Crop
Newsletter, published three times a year, highlights resources, activities, lessons for incorporating agriculture in the classroom.

Grades K-12
Free subscription

CA Foundation for Agriculture in the Classroom
Post Office Box 15949
Sacramento, CA 95852-0949
(916) 561-5625
(800) 700-AITC Fax: (916) 561-5697
E-Mail: cfaitc@cfbf.com
Web Site: http://www.cfaitc.org

Farm and Garden Publications
Pamphlets and books on agriculture, crops, livestock, soil, water and more.

Grades K-12
Catalog

ANR Publications
University of California
6701 San Pablo Avenue
Oakland, CA 94608-8849
(510) 642-2431
(800) 994-8849 Fax: (510) 643-5470

The Farming Game
Try your luck at raising crops and livestock. Learn about family farm economy using a board game format.

Ages 10-adult
$31.95 includes s/h
$29.95 for two or more, includes s/h
$29.95 each for PC version that runs on Windows, includes s/h

The Weekend Farmer
Post Office Box 896
Goldendale, WA 98620
1-800-222-GAME
Web Site: www.farmgame.com

Grown in the Imperial Valley
A 26-minute video covers the soil preparation, planting, growing and harvesting of Imperial Valley crops. Includes a teacher's guide.

Grades 3-12
$24 includes s/h

California Women for Agriculture
Imperial Valley Chapter
1108 West Evan Hewes Highway
El Centro, CA 92243
(760) 352-6496 Fax: (760) 352-6496
E-Mail: luge@quix.net

My Farm Book
Educational activity book illustrates importance of California agriculture and origins of food and fiber. Includes teacher's guide. (1993)

Grades K-6
$6 payable to CWA

California Women for Agriculture
Karen Dallas
Post Office Box 2034
Bakersfield, CA 93303-2034
(805) 328-0156

NASCO Educational Catalogs
A series of catalogs on science, arts and crafts, health, math, agricultural sciences and more.

Grades K-12
Free

NASCO
4825 Stoddard Road
Modesto, CA 95356-9318
(209) 545-1600
(800) 558-9595
Web Site: http://www.nascofa.com

National Agricultural Library (NAL):
Ag in the Classroom: Instructional Materials on Agricultural Education (K-12), January 1979-May 1992 (No. QB 92-55)

AGRICOLA: Agricultural Online Access
Brochure contains subject and access information for AGRICOLA, the bibliographic database produced by the NAL.

Bibliographic Series: Current Titles Listing
List of information products, including ordering and electronic access information prepared by staff of NAL's Reference Section and 10 subject-oriented Information Centers.

Careers in Agriculture, January 1989-May 1993

Guide to Services of the National Agricultural Library
Eligibility and information on library procedures.

One free copy

USDA, ARS, National Agricultural Library
Room 100, NAL Building
10301 Baltimore Avenue
Beltsville, MD 20705-2351
(301) 504-5204 Fax: (301) 504-6927
Web Site: http://www.nal.usda.gov
Gopher: gopher.nalusda.gov

National Agriculture in the Classroom Materials:

Ag in the Classroom Notes
Bimonthly newsletter published by the U.S. Department of Agriculture features Agriculture in the Classroom projects, resources and news from across the nation.

Grades K-adult
Free subscription

Resource Guide to Educational Materials about Agriculture
Listing of agricultural material, audio-visuals and posters for the classroom.

Grades K-adult
Free

Agriculture in the Classroom
Room 3920 South Building
USDA
1400 Independence Avenue SW
Washington, DC 20250
(202) 720-7925 Fax: (202) 690-0062

National Agriculture Week Packet
Packet includes materials to use during this annual first week of spring celebration.

Grades K-12
Free listing of materials available by mail or through Web Site

Agriculture Council of America
11020 King Street, Suite 205
Overland Park, KS 66210
(913) 491-1895 Fax: (913) 491-6502
Web Site: http://www.agday.org

Plant Doctor®
Six lesson plans and supplies necessary for experiments on weed, pest and disease control as well as fertilization. Program uses the Science framework to teach children about safe and abundant agricultural food, fiber and ornamental production. New to the program is *Benny Broccoli and His Buddies* food safety and nutrition lessons. Program can include a visit (based on availability) by a "Plant Doctor®" – a licensed pest control advisor.

Grades 4-5
Free, California teachers only

The Stanley W. Strew Education Fund, Inc.
Post Office Box 1197
Sacramento, CA 95812
(916) 928-9580 Fax: (916) 928-9581

Project Seasons
Links curriculum to the seasons with over 147 multidisciplinary activities.

Grades K-6
$24.95 plus $3.50 s/h

Shelburne Farms
1611 Harbor Road
Shelburne, VT 05482
(802) 985-8686 Fax: (802) 985-8123

The Rainbow Collection
Science-related student books, lesson plans, music and finger puppets are available.

Grades PreK-Adult
Free catalog

The Rainbow Collection
409 3rd Avenue West
Mobridge, SD 57601-2414
(888) 371-3137 Fax: (605) 845-5311

Tractors, Combines and Things on the Grow
30-minute video shows children the wonders of where food really comes from and how it ends up on the grocers' shelf.

Grades K-6
$19.95 plus $3.95 s/h VISA/MC/AMEX

Just Our Size Videos
Post Office Box 862
Armonk, NY 10543
(800) 808-FARM

ALMONDS

Almond Information Sheets
Limited supply of general information sheets.

Grades K-12
Free

Blue Diamond
Post Office Box 1768
Sacramento, CA 95812
(916) 442-0771 Fax: (916) 325-2880

APPLES

All About Apples
The seasonal life cycle of apples and ways they come to market are featured in this teaching packet. Includes a 24" x 39" color poster, full-color pocket folder, 32 easily duplicated (no restrictions) class exercises. Generic for apples grown in any region.

Grades K-7
$7 plus $3 s/h
Free catalog

Unique Country Products
250 Westfield Street
West Springfield, MA 01089
(413) 732-4437 Fax: (413) 732-5239

Apples
A variety of materials on history, nutrition and literature on the apple industry.

Grades K-12
Free materials list

U.S. Apple Association
Post Office Box 1137
McLean, VA 22101
(703) 442-8850

AQUACULTURE

Service and Reference Guide
16-page pamphlet listing periodicals, books, newsletters, associations and government agencies of interest to aquaculturists.

Grades 9-adult, California teachers only
Free, donations appreciated

California Aquaculture Association
Post Office Box 1004
Niland, CA 92257
(619) 359-FISH
Web Site:
http://www.aqua.ucdavis.edu/organizations.caa.htlm

ARTICHOKES

California Artichoke Advisory Board Materials:

The Amazing California Artichoke
Integrated unit covers classroom activities, history, maps, games and nutritional facts.

Grades 1-6
Free, send request on school letterhead

We're Smartichokes
92-page thematic unit with activity pages, games, art projects, awards and center activities.

Grades PreK-K
Free, send request on school letterhead

California Artichoke Advisory Board
Post Office Box 747
Castroville, CA 95012
(408) 633-4411 Fax: (408) 633-0215

AVIATION

Agricultural Aviation Materials:

Critical Assist for the World's Food Supply
The education guide approaches the topic from the agricultural angle since it affects the daily lives of the students through their basic needs of food, shelter and clothing. The areas of aviation, pesticides and environment need consideration to give the students an accurate view of the role of aerial application in providing food and fiber for everyone.

Grades K-9
Free

Agriculture's Airforce
15 minute video

Grades K-12
$10

California Agricultural Aircraft Association
2100 Flightline Drive #3
Lincoln, CA 95648
(916) 645-9747 Fax: (916) 645-9749

AVOCADOS

Avocados From A To Z
Packet filled with student book, activity sheets and information sheets that cover history, nutrition and facts.

Grades K-12
Free

California Avocado Commission
1251 E Dyer Road, Suite 200
Santa Ana, CA 92705-5605
(714) 558-6761 Fax: (714) 641-7024
Web Site: http://www.avocado.com

BEEF CATTLE

also see LIVESTOCK listing

California Beef Council Catalog
This catalog lists resource materials available about beef.

Grades K-12
Free catalog, send request on school stationary

California Beef Council
5726 Sonoma Drive, Suite A
Pleasanton, CA 94566
(925) 484-2333 Fax: (925) 484-2686
Web Site: http://www.cowtown.org
Cyber catalog: http://www.teachfree.com

National Cattlemen's Beef Association Materials:

Caretakers All
A study print kit on conserving the environment and the beef industry. For science curricula.

Grades 3-4

Digging for Data
A video kit on the scientific method and investigative skills.

Grades 5-8

Dig In! An Expedition to an Ancient Culture
Kit contains audio cassette, guide, poster, and blackline masters. Teaches about the Food Guide Pyramid through the ancient Egyptian Pyramids.

Grades 3-4

The Munchsters
A study print kit on nutrition and foods for language arts programs.

Grades PreK-K

Safe Food Journey
Poster with activities focusing on food safety.

Grades 3-4

Things We Can Learn From a Cow and a Worm
Posters and materials encourage students to emulate nature for conserving resources.

Grades 5-6

One selection from the above materials is available free of charge to teachers of the designated grade levels who write a letter on school stationary.

National Cattlemen's Beef Association
444 North Michigan Avenue
Chicago, IL 60611
(312) 467-5520
Web Site: http://www.teachfree.com

Wow That Cow
Brochure and poster details beef by-products including non-edible and pharmaceutical products. Available in English, Spanish and Japanese.

Grades K-12
$ .10 each/brochure plus postage
$3 each/poster plus postage

American National CattleWomen
Post Office Box 3881
Englewood, CO 80155
(303) 694-0313 Fax: (303) 694-2390

BEES

Africanized Honey Bee
Educational material is available through county offices of the University of California Cooperative Extension Service. Check phone book for local listings.

What's Buzzin'
Video, worksheets, teacher's guide and lessons on cooperation, communication and pollination.

Grades 3-6
$15

National Honey Board
390 Lashley Street
Longmont, CO 80501-6045
(303) 776-2337
(800) 553-7162

BIOTECHNOLOGY

Fields of Genes – Making Sense of Biotechnology in Agriculture
Experimental activities show how genetically engineered products are created and the impact that these products may have on agricultural production and the environment.

Grades K-12
$5 plus s/h

National 4-H Council/Supply Service
7100 Connecticut Avenue
Chevy Chase MD 20815-4999
(301) 961-2934 Fax: (301) 961-2937

BLUEBERRIES

Blueberry Fact Sheet
Fact sheet discusses the history and production of blueberries as well as provides nutritional content and kitchen hints.

Grades 3-adult
Free

The North American Blueberry Council
4995 Golden Foothill Parkway, Suite 2
El Dorado Hills, CA 95762
(916) 933-9399 Fax: (916) 933-9777

BOTANY

also see GARDENING, NURSERY PRODUCTS and individual commodity listings

The Budding Botanist
Teacher's guide and hands-on plant activities that incorporate science and mathematics.

Grades 3-6
$16.95
Free catalog

AIMS Education Foundation
Post Office Box 8120
Fresno, CA 93747-8120
(888) 733-2467 Fax: (209) 255-6396
E-Mail: aimsales@fresno.edu
Web Site: http://www.AIMSedu.org

Wisconsin Fast Plants/Bottle Biology Notes
Frequent newsletters provide teachers with lesson plans and growing ideas using the quick growing Wisconsin Fast Plants.

K-12
Free subscription

Wisconsin Fast Plants
University of Wisconsin-Madison
Department of Plant Pathology
1630 Linden Drive
Madison, WI 53706
(800) 462-7417 Fax: (608) 263-2626
E-Mail: fastplants@calshp.cals.wisc.edu

CAREERS

American Chemical Society Materials:

Chemistry and You - Discovering Your World
Poster explains all areas of the profession. Includes "Employment Outlook Booklet."

Grades K-12
One copy free

Chemistry in Your Career - Questions and Answers
Guide for students seeking information on careers in chemistry.

Grades 9-12
One copy free

The American Chemical Society
1155 Sixteenth Street NW
Washington, D.C. 20036
(800) 209-0423 Fax: (800) 525-5562
Web Site: http://www.chemcenter@acs.org

Careers in Agronomy
26-page booklet on careers in agronomy, crop, soil and environmental sciences. (Revised 1995)

Grades 7-12
Free

American Society of Agronomy
677 South Segroe Road
Madison, WI 53711
(608) 273-8080 Fax: (608) 273-2021
E-Mail: lmalison@agronomy.org
Web Site: http://www.Agronomy.org

Careers in Water
Pamphlet describes the responsibilities of the Department of Water Resources and the careers associated with this department.

Grades 8-12
Free

Recruitment Coordinator
Department of Water Resources
Post Office Box 942836
Sacramento, CA 94236-0001
(916) 653-4963

California Association of Nurserymen Materials:

Choose Horticulture
Brochure on careers in horticulture. Lists colleges and universities with programs.

Grades 7-12
Free

Choose Horticulture Video
16-minute video on all careers in the field including grower, retailer, landscape design and more.

Grades 7-12
Call for information

California Association of Nurserymen
3947 Lennane Drive, Suite 150
Sacramento, CA 95824
(916) 928-3900 Fax: (916) 567-0505
E-Mail: can@earthlink.net
Web Site: http://www.can-online.org

Food and Agricultural Careers:

Employment Opportunities for College Grads in Food & Ag Sciences (1995-2000)
28-page booklet on science, marketing, finance, education, communication and production careers.

Grades 7-12
$1.40

Living Science Posters
Bound set of 40 posters features science careers associated with agriculture and natural resources. Job descriptions, needed skills, educational courses and employment opportunities are on each poster. (1995-2000)

Grades K-12
$4

Purdue University
Food & Agricultural Careers for Tomorrow
1140 Ag Administration Building
Room 127 AGAD
West Lafayette, IN 47907-1140
(765) 494-8473

Guide to Careers in Natural Resource Management
Booklet on other career publications in natural resource management.

Grades 7-12
Single copies free with a self-addressed stamped envelope
$25 per 100

National Association of Conservation Districts
Post Office Box 855
League City, TX 77574-0855
(800) 825-5547 Fax: (713) 332-5259

Science and Technology Careers in Agriculture Brochure
Booklet describing potential careers in agribusiness and related agricultural fields.

Grades 7-12
$45 per 100 plus s/h
Request materials order form

Fresno City College Bookstore
1101 East University Avenue
Fresno, CA 93741
(209) 442-4600 Fax: (209) 264-3730

Think About It
Booklet describing potential careers in agribusiness and related agricultural fields.

Grades 7-12
1-25 - $ .50 each
26-50 - $ .45 each
51 or more - $ .40 each

National FFA Center
5632 Mt. Vernon Memorial Highway
Post Office Box 15160
Alexandria, VA 22309-0160
(703) 360-3600 Fax: (703) 360-5524
Web Site: http://www.ffa.org

CHEMISTRY

also see CAREERS and BIOTECHNOLOGY listings

American Chemical Society
Catalog lists a variety of publications that relate science to the real world. Titles such as *Chemistry in the Marketplace* and *Apples, Bubbles and Crystals* are available.

Grades K-12
Free catalog

The American Chemical Society
1155 Sixteenth Street, NW
Washington, DC 20036
(800) 209-0423 Fax: (800) 525-5562
Web Site: http://www.chemcenter@acs.org

CHERRIES

California's Perfect Snack
Information on California's cherry production includes data on nutrition, varieties, packing, marketing and more.

Grades K-12
1 copy free

California Cherry Advisory Board
Post Office Box 877
Lodi, CA 95241
(209) 368-0685 Fax: (209) 368-4309
Web Site: http://www.califcherry.com

CITRUS

Florida Citrus...From Grove to Table
33-page guide includes teacher background, lessons, extended learning activities and additional resources. Material is designed for middle school social science curriculum.

Grades 6-8
Free

Florida Department of Citrus
School Marketing
Department 148
Lakeland, FL 33802-0148 Fax: (213) 436-0970
E-Mail: hawbaker@fdochq.mail2.wise.net

Sunkist Materials:

Just One Orange
Poster shows the five food groups.

Grades 5-6
Free

Orbiting Oranges Nutrition Kit
Kit consist of a poster of oranges, 25 activity booklets and a teachers guide.

Grades PreK-1
Free

UPS delivery to street address only.

Sunkist Growers
Consumer Affairs MS 236
Post Office Box 7888
Van Nuys, CA 91409
Web Site: http://www.sunkist.com

COMMODITIES

also see individual commodity listings

Berry Books Picture Books
Numerous 5" x 7" picture books describe various aspects of agriculture in a simple, animated fashion.

Grades PreK-K
$2.99 each plus s/h
Quantity discounts available

Berry Books Ltd.
Post Office Box 100
Sparta, OH 43350-0100
(800) 486-9546 Fax: (614) 486-9524
Web Site: http://www.BerryBooks.com

Commodity and Natural Resource Fact and Activity Sheets
California fact sheets include information on production, history and economic value. The activity sheets provide specific lesson ideas and fun facts for each topic.

Grades K-12
One set free

CA Foundation for Agriculture in the Classroom
Post Office Box 15949
Sacramento, CA 95852-1949
(916) 561-5625
(800) 700-AITC Fax: (916) 561-5697
E-Mail: cfaitc@cfbf.com
Web Site: http://www.cfaitc.com

COMPUTER PROGRAMS

Agri-Education, Inc.
Software-based activities about food safety, production agriculture, soil nutrient management, conservation and water quality, animal welfare and more. Includes *Abundant Food and Fiber* and the *Farm and Food Bytes* series. Free 30-day preview.

Grades 3-12
Free catalog

Agri-Education, Inc.
801 Shakespeare
Box 497
Stratford, IA 50249
(515) 838-3000 Fax: (515) 838-2788
E-Mail: agri_ed@netins.net
Web Site: http://www.netins.net/showcase/agedweb

Germ Wars
Interactive software modules funded by a grant from the National Science Foundation. The programs, dealing with microbes, plant and human defenses against disease and basic genetics, are available on CD-ROM for both Windows and Macintosh platforms. A Spanish Macintosh version is also available.

Grades 6-10
Free

Barbara Soots
Center for Engineering Plants for Resistance Against Pathogens (CEPRAP)
University of California, Davis
Davis, CA 95616
(916) 757-3045 Fax: (916) 753-2697
E-Mail: blemberson@ucdavis.edu
Web Site: http://www-ceprap.ucdavis.edu

COOPERATIVES

also see ECONOMICS listing

Co-op Quarterly
Free newsletter lists current publications available to purchase.

K-12
Free

Center for Cooperatives
University of California
One Shields Avenue
Davis, CA 95616
(530) 752-2408 Fax: (530) 752-5451
E-Mail: centerforcoops@ucdavis.edu

CORN

Corn – A National Renewable Resource
A curriculum kit geared to fourth grade, but easily adaptable, includes student tabloids, activity sheets and teacher's guide. Agricultural and environmental message can be used in multiple areas of curriculum from language to science.

Grades K-12
Free

National Corn Growers Association
Curriculum Kit
1000 Executive Parkway, Suite 105
St. Louis, MO 63141
(314) 275-9915 Fax: (314) 275-7061
E-Mail: ncga@mo.net
Web Site: http://www.ncga.com

Popcorn
Educational outline acquaints students with popcorn, its role in history, its many uses and nutritional value through facts and recipes. Offers ideas in history, science, math, geography, home economics and health.

Grades K-8
$ .50, include a self-addressed stamped envelope

The Popcorn Institute
401 N. Michigan Avenue
Chicago, IL 60611-4267
(312) 644-6610 x3644
Home Page: http://www.popcorn.org

COTTON

Cotton's Journey from Seed to You
Kit designed to enrich curriculum through thematic teaching. Contains booklet, teaching guide, student manual, 23-minute video, posters, mini-bale, seeds, samples of Pima and Upland cotton and fabric swatches.

Grades K-12
$65 plus $5.04 tax for California residents

The Alaca Company
Post Office Box 55
Tranquillity, CA 93668 Fax: (209) 698-5190

National Cotton Council Materials:

The Story of Cotton Booklets
Booklet describes production and processing.
30 copies free, $ .25 per additional copy

Cotton from Field to Fabric
Story of cotton with teacher's manual.
One copy free, $ .50 per additional copy

Cotton: The Perennial Patriot
Leaflet traces cotton's role in the history of our nation since 1607.
30 copies free, $ .50 per additional copy

Cotton Wall Chart
Colorful 21" x 28" chart showing the steps of cotton production and processing.
One copy free, $ .50 per additional copy

The Story of Cotton Kit
Classroom teaching packet. Samples of cotton, booklets and wall charts.

Grades K-12
$15 includes postage

Free brochure of additional items available

National Cotton Council
Communications Service Department
Post Office Box 12285
Memphis, TN 38182
(901) 274-9030 Fax: (901) 725-0510

Tractors, Cotton-Pickers and the Stuff Kids Wear

This 30-minute video shows how a child's favorite pair of jeans comes from a tiny cotton seed. Covers the struggles of the tiny silkworm to the rumblings of a giant cotton harvester and how natural fibers are transformed into clothing.

Grades K-6
$19.95 plus $3.95 s/h VISA/MC/AMEX

Just Our Size Videos
Post Office Box 862
Armonk, NY 10543
(800) 808-FARM

CRANBERRIES

All About Cranberries

Kit includes 15 reproducible activity sheets, poster, resource book list, fact sheets and historical information.

Grades K-8
$20 per kit

Cape Cod Cranberry Growers' Association
266 Main Street
Wareham, MA 02571
(508) 295-4895

DAIRY

also see LIVESTOCK listing

Dairy Breeds of North America

Large poster for classroom use.

Grades K-12
$10

Purina Mills, Inc.
Poster Offer - Dick Poeppel
Post Office Box 66812
St. Louis, MO 63166

Dairy Council of California

see NUTRITION listing

Dairyopoly

Newly-developed board game which combines mathematical and budgeting skills with the ups and downs of operating a dairy.

Grades 4-adult
$29.95 plus $4 s/h
Call for quantity prices

Udder Games
18662 Southwest Boones Ferry Road
Tualatin, OR 97062
(503) 612-1776 Fax: (503) 692-5642

National Dairy Council Materials:

Make Mine Milk

Video on milk from source to processing plant. Integrates curriculum areas of geography, science and mathematics.

Grades K-6
$10 includes s/h

Milk: From Cow to You

Poster and package describing steps in milk production, processing and marketing.

Grades K-6
$13.75 includes s/h

National Dairy Council
O'Hare International Center
10255 West Higgins Road, Suite 900
Rosemont, IL 60018-5616
(800) 426-8271 Fax: (800) 974-6455

The Story of Milk and Cheese

Lesson plans and coloring books teach students about the cheesemaking process.

Grades 1-3, 4-6
Free, specify quantity of coloring books

Hilmar Cheese Company
9001 North Lander Avenue
Hilmar, CA 95324
(209) 667-6076 Fax: (209) 634-1408

ECONOMICS

also see COOPERATIVES listing

Commodity Challenge
This challenge helps students learn more about the economic factors that affect the prices of commodities such as supply and demand. Students develop projects using the specific guidelines.

Grades 9-12
Free

Richard A. Jelinek
Chicago Board of Trade
141 W Jackson, Suite 2280
Chicago, IL 60604
(312) 435-7206

ERS-NASS – Products and Services from USDA's Economics Agencies
Catalog provides a list of various resources pertaining to the economic areas of trade, production, rural development, stocks, inventories, disposition, utilization and prices of agricultural commodities and other items such as labor and farm numbers.

Grades 9-adult
Free catalog

ERS-NASS
5285 Port Royal Road
Springfield, VA 22161
(800) 999-6779 Fax: (703) 321-8547

Economics America
Catalog of multi-grade economic education curriculum guides, teaching strategies, and classroom materials for grades K-12. Includes publications for junior and senior high students to help them learn about the complementary relationship between their economic well-being and environmental resources.

Grades K-12
Free catalog

National Council on Economic Education
1140 Avenue of the Americas
New York, NY 10036
(800) 338-1192 Fax: (212) 730-1793
E-Mail: ncee@eaglobal.org
Web Site: http://economicsamerica.org

Foundation for Teaching Economics Materials:

Economic Forces in American History
Three-day U.S. history teacher training program describes historical events from the vantage point of market forces and economic analysis.

Grades 9-12 history teachers
Free (except travel) to selected applicants

Economics for Leaders
Week-long summer program for high school rising seniors and economics teachers. Designed to develop future leaders. Will help train teachers to be more effective educators of market economics.

Grade 12 and teachers
Free (except travel) to selected applicants

Foundation for Teaching Economics
260 Russell Boulevard, Suite B
Davis, CA 95616
(800) 383-4335 Fax: (916) 757-4636
E-Mail: fte4efl@aol.com
Web Site: http://www.fte.org

Taking Care of Business
A multi-media business educational kit that introduces students to business and community service organizations and government agencies. Components include teacher guide, transparencies, posters, video, handouts and glossary.

Grades 4-12
$25 includes s/h

National Council of Farmer Cooperatives
Education Department
Attn: Gloria Terrell
50 F Street NW, Suite 900
Washington, DC 20001
(202) 626-8700 Fax: (202) 737-6430
E-Mail: educ@ncfc.org
Web Site: http://access.degex.net/~ncfc

EGGS

American Egg Board Materials:

Adventures with the Mighty Egg
Curriculum unit features a whole-language, hands-on approach. Teacher's guide, reading list, activity sheets, poster and stickers are included.

Grades K-3
$9 includes tax and s/h

The Incredible Journey from Hen to Home
Cross-curricular unit with real-life problems teach basic skills in language arts, math, science, nutrition and consumer education.

Grades 4-6
$9 includes tax and s/h

The Incredible Classroom Eggsperience Kit
Covers recipe writing, nutrition, food safety, economy cooking, cooking functions and more. Components include teacher's guide, activity sheets, poster, set of 30 phone wallet cards/bookmarks and pocket folder.

Grades 7-12
$9 includes tax and s/h

The Incredible Classroom Eggsperience Video
Complementing the print kit, this 17-minute video includes basic egg production, nutrition, food safety and preparation information within a student-friendly storyline.

Grades 7-12
$9.50 includes tax and s/h

American Egg Board
1460 Renaissance Drive
Park Ridge, IL 60068 Fax: (847) 296-7007
E-Mail: aeb@aeb.org
Web Site: http://www.aeb.org

California Egg Commission Materials:

From Magic to Market
Video that covers hatching chicks as they grow to hens ready for egg laying. Includes a tour of an egg packing facility. Also available in Spanish. Approximately 17 minutes.

Grades PreK-8
Free

An EggCellent Adventure. From Nest to Market
Video that takes viewers through an egg packing plant in detail, including how liquid egg is processed. Approximately 12 minutes.

Grades 8-12
Free

California Egg Commission
1150 North Mountain Avenue, #114
Upland, CA 91786
(909) 981-4923 Fax: (909) 946-5563
E-Mail: dyeb99a@prodigy.com
Web Site: http://www.eggcom.com

EMUS

The Australian Emu Embryonic Development Poster

This colorful 19" x 24" poster shows the normal development stages of the emu embryo and recommended incubation conditions that should produce healthy emu chicks.

Grades 7-12
$7.50 plus $1 s/h
Request order form for multiple copies

University of California
DANR Communication Services – Publications
6701 San Pablo Avenue
Oakland, CA 94608-1239
(800) 994-8849

ENVIRONMENT

also see SOIL and WATER listings

A Visit to a Green Planet

Educational comic book on environmental concepts as they relate to agriculture.

Grades 4-6
$ .35 each, teacher's guide $ .50

American Farm Bureau Federation
225 Touhy Avenue
Park Ridge, IL 60068
(847) 685-8761 Fax: (847) 685-8685

The Kansas School Naturalist
These educational pamphlets are used to raise science and environmental literacy. Issues include titles such as "*Kansas Sunflowers*" and "*Prairie Fires.*"

Grades 7-adult
Free catalog of listings

Kansas School of Naturalist
Division of Biology
Post Office Box 4050
Emporia State University
Emporia, KS 66801

FERTILIZERS

also see MINERALS listing

California Fertilizer Association
Lending library of VHS tapes and slide sets.

Grades 6-12
Call for catalog

California Fertilizer Association
1700 I Street, Suite 130
Sacramento, CA 95814
(916) 441-1584 Fax: (916) 441-2569
E-Mail: lombardi@cfa.mailport.com

Fun with the Plant Nutrient Team
Activity book and teacher guide cover the 16 nutrients needed by plants for healthy growth and production.

Grades K-3
$3
Free catalog

Potash and Phosphate Institute
655 Engineering Drive, Suite 110
Norcross, Georgia 30092-2821
(770) 447-0335

FIBERS

also see individual commodity listings

It's A Puzzlement
Packet of materials designed to help students learn how cotton, wool and leather are manufactured into textile and other basic consumer goods.

Grades 3-6
$5

National Farm-City Council
225 Touhy Avenue
Park Ridge, IL 60068
(847) 685-8764 Fax: (847) 685-8685

FIGS

Fig Poster
Information on the nutrients found in figs, usage tips and recipes. Brochures also available.

Grades K-12
Free

California Fig Advisory Board
Post Office Box 709
Fresno, CA 93712
(209) 224-3447 Fax: (209) 224-3449
E-Mail: info@californiafigs.com
Web Site: http://www.californiafigs.com

FISH

see AQUACULTURE and SEAFOOD listings

FLOWERS

also see NURSERY PRODUCTS and GARDENING listings

Growing Up With Flowers
46-page education guide contains resources, lessons, experiments, projects and facts. A floral alphabet coloring book provides a pronunciation guide.

Grades K-6
Coloring Books - $45 for 50 books
Educators Guide - $5

Wholesale Florists & Florist Suppliers of America
Post Office Box 639
Vienna, VA 22183
(703) 242-7000 Fax: (703) 319-1647

FOOD SCIENCE

Food Science
Teacher and student booklets provide experiments in food science. Includes career information on food scientists.

Grades 7-12
Free

The Institute of Food Technologists
221 North LaSalle Street
Chicago, IL 60601
(312) 782-8424 Fax: (312) 782-8348

FORESTRY AND FOREST PRODUCTS

also see TREES, NURSERY PRODUCTS and individual commodity listings

American Forest and Paper Association Materials
Lists of brochures, posters, videos and charts on paper and paper manufacturing.

Grades K-12
Free catalog

American Forest and Paper Association
1111 19th Street NW, Suite 800
Washington, D.C. 20036
(202) 463-2700 Fax: (202) 463-2471

California Forest Products Commission Materials:

A Walk in the Woods
Activity booklet explores the woods, the trees that grow there and the animals that live in its shelter.

Grades K-6
Free

Forests Forever
Forest education unit with background materials and lesson plans for the teacher and games, activities, art projects and vocabulary for students. Reproducible masters and classroom poster included.

Grades 4-6/adaptable K-8
Free

California Forest Products Commission
853 Lincoln Way, Suite 208
Auburn, CA 95603
(530) 823-2363 Fax: (530) 823-1854
Web Site: http://www.calforests.org

Video Lending Library
Forest education titles on loan from the California Forest Products Commission. Brochure contains a list of titles, synopses and age appropriate information.

Grades K-12
Free

Susana Taylor – CFPC Education Consultant
9138 Green Ravine Lane
Fair Oaks, CA 95628
(916) 989-4917 Fax: (916) 989-9383
E-Mail: svtaylor@ns.net

Lessons in Appalachian Forestry
Lessons about the trees and ecology of the Appalachian region including wood utilization.

Grades 7-12
1-10 copies free
11+ copies, $3 each including s/h

Appalachian Hardwood Manufacturers, Inc.
Post Office Box 427
High Point, NC 27261
(336) 885-8315

Talk About Trees
Educational packet with forest and tree lessons correlates to the California state frameworks. Includes activities, teaching procedures, discussion questions, poster, bibliography and list of contacts for more information.

Grades 4-6, California teachers only
$3

Talk About Trees
Jack and Kat Bramhall
19270 Pine Creek Road
Red Bluff, CA 96080
(530) 527-9403 Fax: (530) 528-1650
E-Mail: jmkbramhall@snowcrest.net

FRUITS

also see individual commodity listings

California Summer Fruits
Information and educational material on peaches, plums, nectarines.

Grades K-12
Request order form and list of available items.

California Tree Fruit Agreement
Post Office Box 968
Reedley, CA 93654-0968
(209) 638-8260 Fax: (209) 638-8842

GARDENING

also see NURSERY PRODUCTS listing

Children's Gardens - A Field Guide
200-page field manual includes step-by-step instructions for developing school gardens.

Grades K-8
$13.50 payable to UC Regents

University of California Cooperative Extension
Common Ground Urban Garden Program
2 Coral Circle
Monterey Park, CA 91755
(213) 838-4540

The Davis Street SMaRT Guide to Developing a School Garden
Guide covers case studies, school garden planning, planting and maintenance. Resource listings include books, curricula, supplies and technical assistance.

Grades K-12
Free

Davis Street Station for Material Recycling and Transfer (SMaRT)
2615 Davis Street
San Leandro, CA 94577
(510) 638-2303 Fax: (510) 563-4210

GrowLab
Plant-based instructional program helps students think like scientists. Posters, videos, newsletters and classroom gardening equipment also available.

Grades K-8
Varying costs
Free catalog and teacher's newsletter

National Gardening Association
180 Flynn Avenue
Burlington, VT 05401
(800) 538-7476 Fax: (802) 863-5966
E-Mail: eddept@garden.org
Web Site: http://www.garden.org

Life Lab . . . A Growing Adventure
Life Lab Science Program offers a variety of publications and professional development opportunities for educators using the garden as an outdoor classroom or Living Laboratory for hands-on learning. Publications include *The Growing Classroom* (activity guide for grades 2-6), *Life Lab Science* (core science curriculum for grades K-5), and *Getting Started: A Guide for Creating School Gardens as Outdoor Classrooms*.

Grades K-6
Free information packet

Life Lab Science Program
1156 High Street
Santa Cruz, CA 95064
(408) 459-2001 Fax: (408) 459-3483
E-Mail: lifelab@zzyx.ucsc.edu
Web Site: http://lifelab.ucsc.edu

Teams with Intergenerational Support, Focus on Gardening and Nutrition (TWIGS)
Includes 30 field-tested lessons connecting gardening with nutrition for children. Each 1½ hour activity is flexible and contains handouts for reproducing.

Grades K-6
$23 plus $5 s/h
Make check payable to U.C. Regents

UC Cooperative Extension
625 Miramontes Street, #200
Half Moon Bay, CA 94019
(650) 726-9059 Fax: (650) 726-9267

GEOGRAPHY

National Geographic Society
Videos, films, books on nutrition, general agriculture, natural resources and marine science.

Grades K-12
Catalog

National Geographic Society
Educational Services
Post Office Box 98019
Washington, D.C. 20090-8190
(800) 368-2728 Fax: (515) 362-3366

Update
National Geographic's educator newsletter reports on geography activities and resources used by teachers nationwide. Includes features, lesson plans, resources and news briefs.

Grades K-12
Free

In Northern California:
Geographic Alliance Network
c/o Jerry Williams
Department of Geography and Planning
California State University, Chico
Chico, CA 95929-0425
(530) 898-6219 Fax: (530) 898-6781
E-Mail: jrwilliams@oavax.csuchico.edu

In Southern California:
Geographic Alliance
c/o Joan Clemons
University of California, Los Angeles
2051A Moore Hall, Box 951521
Los Angeles, CA 90095-1521
(310) 825-7053 Fax: (310) 206-4743
E-Mail: clemons@gseis.ucla.edu

GRAINS

see individual commodity listings

GRAPES

Table Grapes
Poster of table grape varieties, industry information sheets, nutrition analysis, and nutrition and environmental lesson plans. Available in limited quantities.

Grades K-12
Free

California Table Grape Commission
Post Office Box 27320
Fresno, CA 93729-7320
(209) 447-8350 Fax: (209) 447-9184
E-Mail: info@tablegrape.com
Web Site: http://www.tablegrape.com

HISTORY

also see ECONOMICS listing

Agricultural History
Quarterly journal of research pertaining to the history of agriculture in all its phases by the Agricultural History Society. Edited by the Agricultural History Center at Iowa State University.

Grades 9-adult
$30

Agricultural History
Journals Division
University of California Press
Berkeley, CA 94720

America the Bountiful
22-minute segments in a 6-part video series about American agriculture. From the earliest roots of Indian corn, the series touches every era of American history to document the agricultural triumphs and tragedies that shaped our nation.

Grades 4-12
$89.95/segment; discount available for entire series
Free catalog offering many ag-related products for the classroom.

Visual Education Productions
California Polytechnic State University
San Luis Obispo, CA 93407
(800) 235-4146 Fax: (805) 547-8638
Web Site: http://www.vep.com

California's Gold Discovery to Statehood – Sesquicentennial Information
Numerous activities are occurring throughout the state to commemorate California's 150 years of statehood. Information from this organization can provide you with details on events in your area.

Grades K-adult
Free flyer

CAL-150
Post Office Box 1565
Sacramento, CA 95812
(916) 653-9445 Fax: (916) 653-4510

HORSES

American Quarter Horse
Booklets and posters with general information, anatomy and history of the American Quarter Horse. Also available, list of free loan videos.

Grades K-12
Free

American Quarter Horse Association
Post Office Box 200
Amarillo, TX 79168
(806) 376-4811 Fax: (806) 349-6409
Web Site: http://www.aqha.com

Ridin', Ropin', & Wranglin'
A 20-minute video about cowboys and cattle. Six lessons and an interactive unit teach students math, language arts, stewardship and more. A detailed resource directory lists books, videos and more to help teachers and students learn about the life of the modern day cowboy.

Grades 4-8
$30 plus $3.50 s/h (CA residents add 7.25% tax)
Checks payable to: Modoc County Ag Ed Comm.

4-H Youth Development Advisor
Valerie Coe
UC Cooperative Extension
202 West 4th Street
Alturas, CA 96101
(530) 233-6400 Fax: (530) 233-3840
E-Mail: vcpeterson@ucdavis.edu

HYDROPONICS

Exploring Classroom Hydroponics
28-page booklet will help you understand hydroponics basics, set up classroom systems and engage students' in plant growing activities that do not use soil.

Grades K-12
$7.95 plus $3.50 s/h

National Gardening Association
180 Flynn Avenue
Burlington, VT 05401
(800) 538-7476 Fax: (802) 863-5962

INSECTS

Insect Lore
Specialize in living science kits including butterflies, silkworm eggs, ladybugs, ants, praying mantises and earthworms. Videos, puppets, plant growing kits, games, science projects, puzzles and music are also available.

Grades K-12
Free catalog

Insect Lore
Post Office Box 1535
Shafter, CA 93263
1-800-LIVE BUG Fax: (805) 746-0334
E-Mail: insect@lightspeed.net
Web Site: http://www.insectlore.com

KIWIFRUIT

Kiwifruit Lesson Plans
Nutritional information and lessons.

Grades 2-5
Free

California Kiwifruit Commission
1550 Harbor Boulevard
West Sacramento, CA 95691
(916) 373-3818 Fax: (916) 373-3815
E-Mail: info@kiwifruit.org

LIVESTOCK

also see BEEF CATTLE, CHICKENS, DAIRY, EMUS, PORK, SHEEP AND TURKEYS listings

The Farm Connection
Mobile display brings live farm animals to the school. Includes cattle, sheep and pigs and materials to integrate an agricultural theme into study plans. Assembly format presentation.

Grades K-12
Call for cost

The Farm Connection
10554 Bruceville Road
Elk Grove, CA 95758
(916) 684-2431
(916) 684-2600

MATHEMATICS

also see AGRICULTURE - GENERAL, ECONOMICS, and STATISTICS listings

GEMS – Great Explorations in Math and Science
Teacher guides and handbooks encourage activity-based science and mathematics. Titles include *Eggs, Eggs Everywhere, Buzzin' a Hive* and *Vitamin C Testing*.

Grades K-8
Free catalog

University of California, Berkeley
GEMS
Lawrence Hall of Science, #5200
Berkeley, CA 94720-5200
(510) 642-7771 Fax: (510) 643-0309

MINERALS

Mined It! A Fairy Tale With Mineral Content
This simple-to-read 54-page story and activity book teaches students about the numerous minerals and their uses. Includes scientific facts and wordsearch puzzles.

Grades 4-10
$12.95 plus $3 s/h
25 copies for $100 plus $10 s/h

Butternut Books
The Grove
Post Office Box 800
Morris, NY 13808
(607) 263-5070 Fax: (607) 263-5356

MUSHROOMS

The Mushroom Quest
An integrated, cooperative learning packet includes a poster, stickers and activity sheets with teacher's guide.

Grades 4-5
Free

The Mushroom Quest
Mushroom Council
2200-B Douglas Boulevard, Suite 220
Roseville, CA 95661
(916) 781-7585 Fax: (916) 781-6576

NECTARINES

see FRUITS listing

NURSERY PRODUCTS

also see FLOWERS and BOTANY listings

Planting Seeds, Growing Minds
32-page curriculum guide teaches students the basics about plants in 11 lessons written by science teachers. Includes Arbor Day information.

Grades K-6
1-5 copies, $5 each
6-20 copies, $4 each
21+ copies, $3 each

California Association of Nurserymen
3947 Lennane Drive, Suite 150
Sacramento, CA 95834
(916) 928-3900 Fax: (916) 567-0505
E-Mail: can@earthlink.net
Web Site: http://www.can-online.org

NUTRITION

also see individual commodity listings

Build on Good Nutrition
Lesson plan and poster can be used as a teaching aid in helping students understand how to build a healthful diet using the Food Guide Pyramid.

Grades 3-8
Free

Kellogg Literature Distribution
4956 Wayne Road
Battle Creek, MI 49015-1024
(616) 962-3411 Fax: (616) 964-0626

Dairy Council of California:

Exercise Your Options
A nutrition and fitness program that centers around the uniqueness of teens. This seven lesson unit offers peer teaching strategies, personal goal setting and information on bone health, sports nutrition and eating disorders.

Grades 6-8
Free, California teachers only

Healthy Choices: Balanced Meals
Teaches students how to use the Food Guide Pyramid to assess meal choices. Individual student workbooks include reading, writing and art sections. Step-by-step teacher's guide includes lesson plans, nutrition background and curriculum connections.

Grade 2, available in English or Spanish
Free, California teachers only

Now We're Cooking!
Curriculum designed to teach school children the value of family meals. Recipes for the classroom and cafeteria, parent activities and a video on safe, creative food preparation are included.

Grades K-6
Free to California school personnel

Shaping Up My Choices
Program combines nutrition and fitness in an easy-to-use format. This six-lesson unit complements the California Health Framework and makes connections to math, science and language arts. Food flash cards, colorful bar graphs and individual 3-D pyramids are included.

Grade 5, available in English or Spanish
Free, California teachers only

Dairy Council of California
1101 West National Drive, Suite B
Sacramento, CA 95834
(916) 263-3560 Fax: (916) 263-3566
E-Mail: int@dairycouncilofca.org

Consumer Information Catalog
Comprehensive listing of government publications.

Grades K-12
Free

Consumer Information Catalog
Pueblo, CO 81009

California Children's 5 A Day Campaign
A variety of resource kits, survey information cookbooks and cassette tapes on good nutrition.

Grades K-12
Request order form and prices

California Department. of Health Services
Cancer Prevention and Nutrition Program
Attn: John Silva
601 North 7th Street, MS 662
Post Office Box 942732
Sacramento, CA 94234-7320
(888) EAT-FIVE Fax: (916) 322-1532
E-Mail: jsilva@hwl.cahwnet.gov

Fresh Fruit and Vegetable Photo Cards
Each card contains the names of each item in both English and Spanish and provides the nutritional content of the foods.

Grades K-12
1 set, $30 plus tax and $4.95 s/h
2-4 sets, $30 each plus tax and $7.95 s/h

California Department of Education
Publications Division, Sales Office
Post Office Box 271
Sacramento, CA 95812-0271
(916) 445-1260
(800) 995-4099 Fax: (916) 323-0823

Fueled For Flight
Supplemental educational kit designed to help students learn math and science skills using the space shuttle as a theme. Nutrition and exercise are emphasized.

Grades 5-6
One free is requested on school letterhead by a teacher of the appropriate grade level.

National Cattlemen's Beef Association
444 North Michigan Avenue
Chicago, IL 60611
(312) 467-5520
Web Site: http://www.teachfree.com

Healthy Kids Resource Center
A comprehensive health and nutrition, food service and school garden education resource center. The catalog includes descriptions of all videos, curricula and laser discs available for loan to K-12 educators throughout California.

Grades K-12
Free catalog

Healthy Kids Resource Center
313 West Winton Avenue, Room 180
Hayward, CA 94544
(510) 670-4581 Fax: (510) 670-4582
E-Mail: Jackie_Russum@alameda-coe.K12.CA.US
Web Site: http://www.hkresource.org

National Dairy Council
Materials for all grade levels on nutrition and the milk industry.

Grades K-12
Free catalog

National Dairy Council
O'Hare International Center
10255 West Higgins Road, Suite 900
Rosemont, IL 60018-5616
(800) 426-8271 Fax: (800) 974-6455

OLIVES

Creative Food Ideas
Folder of resource information on olives includes such topics as cultivating and harvesting.

Grades K-12
Free

California Olive Industry
1903 North Fine #102
Fresno, CA 93727
(209) 456-9096 Fax: (209) 456-9099
Web Site: http://www.calolive.org

PEACHES

also see FRUITS listing

California Cling Peach Advisory Board Materials:

Harvest of Gold
Video provides information on California cling peach production and processing. 13 minutes.

Grades 3-12
Free loan

Kick Off to Health
Bookmarks, recipes, posters and growth charts demonstrate various ways cling peaches can help students meet their *5 A Day* goal.

Grades 1-8
Free

California Cling Peach Growers Advisory Board
531-D North Alta Avenue
Dinuba, CA 93618
(209) 595-1425 Fax: (209) 591-5744

PEANUTS

All About Peanuts and Peanut Butter
Lesson plans and activity sheets cover history, nutrition, science and geography of peanuts.

Indicate grade level when ordering
K-2, 3-5, 6-8
Free catalog

American Peanut Council Educational Service
Post Office Box 845
Nashville, NC 27856-0845
(919) 459-9977
E-Mail: joy@aboutpeanuts.com
Web Site: http://www.aboutpeanuts.com

The Great American Peanut
Lessons and activities provide the history and life cycle of the peanut.

Grades 4-9
$6 includes s/h

Media Services Resource Center
Cornell University
7-8 Cornell Business & Technology Park
Ithaca, NY 14850
(607) 255-2080 Fax: (607) 255-9946

PERSIMMONS

Fuyu and other Non-astringent Persimmons
Lesson plans, posters, activity sheets, and recipes. Limited materials are available in Spanish. Covers geography, math, history, language arts and music.

Grades K-12
$10 includes s/h

San Diego County Farm Bureau
1670 East Valley Parkway
Escondido, CA 92027
(760) 745-3023 Fax: (760) 489-6348
E-Mail: sdcfb@sdfarmbureau.org

PLUMS

see FRUITS listing

PORK

also see LIVESTOCK listing

National Pork Producers Council Catalog
Posters, activity books, videos and booklets on the pork industry, including nutrition and production information.

Grades K-12
Free youth order form – indicate grade level when corresponding

National Pork Producers Council
Post Office Box 10383
Des Moines, Iowa 50306
(515) 223-2600 Fax: (515) 223-2646
E-Mail: pork@nppc.org
Web Site: http://www.nppc.org/

POTATOES

The National Potato Promotion Board Materials:

Dr. Spud's
Nutritional instruction with 5 A Day pyramid on fun activities and a game.

Grades 4-10
Free plus $ .75 s/h

Vegetable Parade
Nutritional instruction with 5 A Day plan on a fun poster.

Grades K-4
Free plus $ .75 s/h

5 A Day
Resource guide for food and nutrition educators.

Grades K-12
Free plus $ .75 s/h

The National Potato Promotion Board
7555 East Hampden Avenue, #412
Denver, CO 80231
(303) 369-7783 Fax: (303) 369-7718

POULTRY

see EGGS and TURKEY listings

PRUNES

Prune Poster
Full-color poster and information highlighting California prunes, including history, growing, harvesting, processing and lesson plans.

Grades K-12
Free

California Prune Board
Post Office Box 10157
Pleasanton, CA 94588
(510) 734-0150

RESOURCE CENTERS

The following locations have a variety of materials and training sessions available for teachers on a regional basis.

Alameda County AITC Resource Center
313 W Winton Avenue, Room 180
Hayward, CA 94544
(510) 670-4581 Fax: (510) 670-4582

Centennial Farms
Orange County Fair and Exposition Center
88 Fair Drive
Costa Mesa, CA 92626
(714) 708-1618

Glenn County Office of Education
Resource Center and Agricultural Resource Library
924a 2nd Street
Orland, CA 95963
(530) 865-9636 Fax: (530) 865-7182

RICE

Rice Activity Kit
With this activity, your class will learn how to grow rice and experience what it is like to grow a food which is a primary component of diets worldwide. Kit includes a bag of patty rice, instructions on how to grow rice, rice commodity fact sheet and rice recipes.

Grades K-12
$10 includes s/h

Rice Activity Kit
1864 West Catlett Road
Pleasant Grove, CA 95668
(916) 655-1566

Your Guide to the California Rice Industry
Full color map poster showing production areas, regional highlights and processing facilities. Other materials available upon request.

Grades K-12
One guide free

California Rice Promotion Board
Post Office Box 255829
Sacramento, CA 95865
(916) 929-2264 Fax: (916) 929-2553

SAFETY

Careful Country, Farm Safety
A child-oriented coloring and activity book teaches farm safety. The teacher's kit is a self-contained unit of materials teaching rural safety it includes video, activity book, lesson plans and more.

1-100 books, $1 each
Teacher's kit, $30

Indiana Rural Safety and Health Council
Purdue University
1146 Agricultural Engineering
West Lafayette, IN 47907-1146
(765) 494-1172 Fax: (765) 496-1356
E-Mail: field@pasture.ecn.purdue.edu
Web Site: http://pasture.ecn.purdue.edu/~agsafety/

SEAFOOD

also see AQUACULTURE listing

California Seafood Council Materials:

California's Golden Seas - A Source of Life, Food and Livelihood
Materials include 3 units and videos.

Grades 4-6
$40, California teachers only

Call for prices of individual items

Facts in Brief
56-page booklet covers history, environment, species and fishing methods, food handling, safety and conservation of fishing in California.

Grades 4-12
$7.50, California teachers only

California Seafood Council
Post Office Box 91540
Santa Barbara, CA 93190
(805) 569-8050 Fax: (805) 569-8052
E-Mail: seafood@ca-seafood.org
Web Site: http://www.ca-seafood.org

The Sardine Show
Kit contains video, teacher's guide and other materials explaining the history and operation of Maine's sardine fishery as well as the nutritional benefits of the industry's canned herring product.

Grades K-12
Free

The Maine Sardine Council
Post Office Box 337
Brewer, ME 04412
E-Mail: msardine@mint.net

SEEDS

also see ALMONDS, FLOWERS, PEANUTS, SUNFLOWERS and WALNUTS listings

Seeds of Success

Free vegetable and flower seeds for California schools and non-profit organizations serving low-income communities in California. Seeds are sent with growing instructions and a copy of the *Planting Seeds, Growing Minds* curriculum developed by the California Association of Nurserymen.

Grades K-12
Free

Seeds of Success
c/o Michelle and Noelle Campbell
Post Office Box 321
Clarksburg, CA 95612

SHEEP

also see LIVESTOCK listing

American Sheep Industry Association

Materials concerning the sheep industry and lamb and wool educational materials.

Grades K-12, adult
Free order form

American Sheep Industry Association
6911 South Yosemite Street, Suite 200
Englewood, CO 80112-1414
(303) 771-3500 Fax: (303) 771-8200
Web Site: http://www.sheepusa.org

Wool Packet

Packet includes wool chart, 2 booklets about wool production and the Pendleton Company.

Grades K-12
Free

Pendleton Woolen Mills
Education and Testing Department
Post Office Box 3030
Portland, OR 97208-3030
(503) 226-4801 Fax: (503) 273-2599
E-Mail: education@pendleton-usa.com
Web Site: http://www.pendleton-usa.com

SOIL

also see ENVIRONMENT and WATER listings

Environmental Adventures

Soil, water and related environmental resources, including teacher guides and Spanish versions of some materials.

Grades K-8
Free catalog

Soil and Water Conservation Society
7515 Northeast Ankeny Road
Ankeny, IA 50021-9764
1-800-THE SOIL or (515) 289-2331x22
E-Mail: swcs2swcs.org
Web Site: http://www.swcs.org

National Association of Conservation Districts:

Amazing Soil Stories

17-page activity book and teacher's guide offers written exercises/experiments on soil.

Grades 4-8
$ .70 activity books
$1.90 teacher's guide

Conserving Soil

24 activity masters, four color transparencies and teacher guide about soil history and uses.

Grades 6-12
$6.50

Lines on the Land

Shows landscape patterns and explains how land is affected by conservation practices. Kit contains 16 lesson plans, 10-minute video tape and brochure.

Grades 6-8
$28.50

National Association of Conservation Districts
Service Center
Post Office Box 855
League City, TX 77573-0855
(800) 825-5547 Fax: (281) 332-5259

Soil Savers Club
8-page activity packet with hands-on projects about soil stresses the importance of conservation.

Grades K-6
Free to teachers in Riverside-Corona RCD. Minimal charge for teachers outside Riverside-Corona RCD.

Riverside-Corona Resource Conservation District
1299 Columbia Avenue, Suite E5
Riverside, CA 92507
(909) 683-7691 Fax: (909) 683-3814
E-Mail: rcrcd@earthlink.net
Web Site: http://websites.earthlink.net/~rc-rcd

SOYBEANS

Kansas Soybean Association Materials:

Soybean Health Packet
Folder of nutritional materials including health facts and recipes on various soy products including soy flour, tofu and soy milk.

Grades K-12
$3 plus s/h

Soybean Solutions
Lesson plans, video and poster teaches about soybeans and soybean products in a detective-type format.

Grades 3-4
$10 plus s/h

Kansas Soybean Association
2930 SW Wanamaker Drive
Topeka, KS 66614-4416
(913) 271-1030
(800) 328-7390

STATISTICS

also see AGRICULTURE - GENERAL and ECONOMICS listings

California Agriculture
Flyer includes California agriculture statistics including information on acreage, ranking of counties by agriculture value and ranking of commodities.

Grades 4-12
Free

California Department of Food and Agriculture
Communications Office, External Affairs
1220 N Street, Suite 427
Sacramento, CA 95814
(916) 654-0462 Fax: (916) 657-4240
E-Mail: cdfapublicaffairs@cdfa.ca.gov
Web Site: http://www.cdfa.ca.gov

Farm Facts Booklet
26-page booklet of charts, graphs, lesson plans, agriculture information and a pullout map of America the Bountiful. (Revised 1997)

$3.00 each
3+ copies, $1.25 each

American Farm Bureau Federation
Attn: Rita Walaszek
225 Touhy Avenue
Park Ridge, IL 60068
(847) 685-8858 Fax: (847) 685-8950
E-Mail: ritaw@fb.com

Quick Facts from the Census of Agriculture
Brochure highlights agriculture census information. Includes farms by size data, land use, income and other farm statistics.

Grades 7-12
Free brochure and catalog of materials

U.S. Department of Agriculture
National Agricultural Statistics Service
Census Division
Room 436 Iverson Mall
3737 Branch Avenue
Temple Hills, MD 20748-1405
(800) 523-3215 Fax: (301) 763-8563
E-Mail: nass@nass.usda.gov

STRAWBERRIES

Strawberries Make the Grade
Strawberry lessons and fact sheets.

Grades K-12
Free

California Strawberry Commission
Post Office Box 269
Watsonville, CA 95077-0269
(408) 724-1301 Fax: (408) 724-5973
Web Site: http://calstrawberry.com

SUGAR

Sugar & Nutrition Materials
Videos, computer software and publications.

Grades K-12
Free catalog

The Sugar Association, Inc.
Post Office Box 2033
Annapolis Junction, MD 20701-2033
(301) 617-7828 Fax: (301) 206-9789

SUNFLOWERS

The Story of the Sunflower
8-page activity booklet with planting, growing and nutritional information.

Grades K-6
Free

National Sunflower Association
4023 State Street
Bismarck, ND 58501
(701) 328-5100 Fax: (701) 328-5101

TEA

The Story of Tea
Pamphlet describes the growing, processing and preparation of tea.

Grades 4-12
Free, maximum of 50

Tea Council of the U.S.A., Inc.
420 Lexington Avenue
New York, NY 10170
(212) 986-9415 Fax. (216) 697-8658

TIMBER

also see FORESTRY AND FOREST PRODUCTS, TREES and individual commodity listings

TOMATOES

California Trucking Association:

Coloring Book
Combines reading, coloring and fun facts to test students' knowledge of where pizza comes from.

Grades K-4
$2

Where Does Pizza Come From?
Informational primer introduces students to the process of how food is brought to their tables. Packet follows a tomato through stages of development from planting seeds to eating the final food product.

Grades K-4
Free

California Trucking Association
3251 Beacon Blvd.
West Sacramento, CA 95691
(916) 373-3559 Fax: (916) 371-7346
Attn: Beau

TREES

also see FORESTRY AND FOREST PRODUCTS, TIMBER and individual commodity listings

American Forests Famous & Historic Trees
Catalog and order form describes numerous trees available for purchase. The trees available are associated with the certain people of the nation's historical heritage. The catalog describes the history of each tree including the person it represents.

Grades 4-adult
Free catalog

Famous and Historic Trees
8555 Plummer Road
Jacksonville, FL 33219
(800) 320-TREE Fax: (800) 264-6869

Christmas Trees
Sheets describing the commercial production of holiday trees and evergreens. Student activities and teacher information are part of the materials.

Grades K-3
Free

California Christmas Tree Association
Mike Wade, Director
Post Office Box 1232
Merced, CA 95341
(209) 723-8823 Fax: (209) 722-3814

What Tree Is That?
This key full of diagrams and descriptions allows one to identify trees that grow in the Western United States.

Grades 5-adult
Free

The National Arbor Day Foundation
100 Arbor Avenue
Nebraska City, NE 68410
(402) 474-5655

TURKEYS

Turkey Time
Educational activity kit comes in a folder that also serves as a turkey display.

Grades K-6
Free

California Poultry Industry Federation
3117-A McHenry Avenue
Modesto, CA 95350
(209) 576-6355 Fax: (209) 576-6119
E-Mail: 74742.31@compuserve.com
Web Site: http://www.ainet.com/cpif

VEGETABLES

see NUTRITION and individual commodity listings

WALNUTS

Walnuts
Information on history, production, processing and marketing of California walnuts.

Grades 4-12
Free

Walnut Marketing Board
1540 River Park Drive, Suite 203
Sacramento, CA 95815
(916) 922-5888 Fax: (916) 923-2548
Web Site: http://www.webcom.com/walnut/

WATER

also see ENVIRONMENT and SOIL listings

California Farm Water Coalition
Numerous lesson plans and activities are available from various water agencies throughout California. Contact this organization to obtain information about educational resources for your school.

Grades K-12
Free list of contact addresses

California Farm Water Coalition
717 K Street, Suite 505
Sacramento, CA 95814
(916) 441-7723 Fax: (916) 441-7842
E-Mail: info@cfwc.com
Web Site: www.cfwc.com

May is Water Awareness Month
Kit, games, stickers and other items. Call for ordering information and costs.

Grades K-12
Free list

California Water Awareness Campaign
910 K Street, #250
Sacramento, CA 95814-3577
(916) 441-4718 Fax: (916) 441-7893
E-Mail: cwac@acwanet.com

Water Precious Water
Teacher's guide and hands-on water activities. Investigations relate to water awareness, water cycle, evaporation, conservation, treatment, quality, absorption and erosion.

Grades 2-6
$16.95
Free catalog

AIMS Education Foundation
Post Office Box 8120
Fresno, CA 93747-8120
(888) 733-2467 Fax: (209) 255-6396
E-Mail: aimsales@fresno.edu
Web Site: http://www.AIMSedu.org

Water Education Foundation Materials:

California's Water Problems
A series of four role-playing scenarios with appropriate lesson plans, worksheets and evaluation devices on topics including the Delta, Colorado River, agricultural drainage and groundwater.

Grades 9-14
$20

California's Water Story
Multi-disciplinary unit includes a California water map, poster, trivia game, video and lesson plan booklet with worksheets and water awareness stickers.

Grades 4-6
$20/classroom set

Project Water Science
A general science unit which studies water chemistry and how it relates to the environment. Includes reproducible gameboard, fact card and a California water map.

Grades 7-12
$20

Groundwater Education for Secondary Students
Teaches students about groundwater and the prevention, reduction and elimination of groundwater pollution. Includes a California groundwater map. Two lessons available in Spanish.

Grades 7-12
$20

Hydroexplorer
Computer games have students explore watersheds, learn about river geography and how water is used in California or Colorado. A version *Hydroexplorer Comes to Your Home* is also available.

California	Colorado	Home
Grades 4-6	Grades 4-6	Grades K-5
IBM $25	IBM $25	IBM $25
Macintosh $25	Macintosh $25	Macintosh $25

H20-2010
The history of California water and the critical water policy issues facing us today are examined by teens in a "Back to the Future" style scenario. Includes video and teacher guide.

Grades 9-12
$25

To Quench a Thirst
This 60-minute documentary presents a comprehensive look at critical water resources issues in California, from the state's early history to the present. Includes video and viewer's guide.

Grades 7-12
$205

Water Education Foundation
717 K Street, Suite 517
Sacramento, CA 95814
(916) 444-6240 Fax: (916) 448-7699
E-Mail: jwheatley@water-ed.org
Web Site: http://www.water-ed.org

The Kings and San Joaquin Rivers: Water for the Central Valley
12-minute video plus teacher workbook. Includes map, lessons, experiments, transparencies, study guide.

Grades 7-12
$20 plus tax, includes s/h

Fresno Chamber of Commerce
Post Office Box 1469
Fresno, CA 93716-1469
(209) 495-4800 Fax: (209) 495-4811

Water Conservation Materials
see SOILS listing

Water Education Materials
Student workbooks, teacher's guides, coloring books, flannel board stories, water map and posters. Bilingual material available.

Grades K-8
Free catalog and materials

California Department of Water Resources
Attn: Publications
Post Office Box 942836
Sacramento, CA 94236-0001
(916) 653-1097 Fax: (916) 654-5506
Web Site: http://www.dwr.water.ca.gov/

Water – The Basis of Life
10-minute video highlights the historical perspectives of water in California and promotes water conservation measures.

Grades 7-12
$10

Pond-Shafter-Wasco Resource Conservation District
1601 New Stine Road #270
Bakersfield, CA 93309
(805) 861-4129 Fax: (805) 861-4333

WHEAT

California Breadmake
Presentation for minimum of 100 students by certified Breadmake instructor who leads students through the process of making bread. Includes materials.

Grades K-6
Cost $3 per student (cost varies according to location)

California Breadmake
Mary Correia
2727 East Laura Court
Visalia, CA 93292
(209) 733-3444

or

California Breadmake
Leslie Greer
2688 East Sean Avenue
Fresno, CA 93720
(209) 322-9761

Wheat Packet
Contains lesson plans, resources, poster, historical and economic information. Includes instructions on growing wheat and other data.

Grades K-12
Free

California Wheat Commission
Post Office Box 2267
Woodland, CA 95776
(530) 661-1292 Fax: (530) 661-1332
E-Mail: cawheat1@aol.com

Section 3

Additional Agricultural Facts and Information

California Agriculture

Resources in Your Community

California Counties at a Glance

Agricultural Web Sites

#1 Commodities by County

California Agriculture Quiz and Answer Sheet

Agricultural Related Books

CELEBRATING 50 YEARS AS THE NATION'S #1 AGRICULTURE STATE

CALIFORNIA AGRICULTURE

When people think of California, they normally think of Disneyland, Hollywood, or even the Beach Boys. *Think again.* The Golden State is also home to the largest agriculture economy in the nation.

Got milk? California has plenty. We are the nation's number one dairy state, producing 26 billion pounds of milk and cheese.

How about the shirt you are wearing? Bet you didn't know that California is the nation's number two cotton producer.

Hungry for any fruit or vegetable? Flip a coin. Since the state grows more than half of the nation's fruits, nuts and vegetables, there's a 50-50 chance it's from California. In fact, if it's for breakfast, lunch or dinner, it was probably grown right here in California

And California agriculture is more than just food. Golden State farmers also contribute to the creation of products related to manufacturing, health care, printing, education, recreation, transportation, entertainment, construction, and personal care.

Yes, that is everything from detergents, x-ray film, paper, shampoo, toothpaste, footballs, shoes, flowers, tires, antifreeze and baseball bats.

From our ports to our products, California is, without question, one of the world's largest supermarkets. California's agriculture helps feed the nation and world, protect the environment and fuel the state economy.

California's Top 20 Farm Products for 1996

(Dollars in Millions)

#	Commodity	'95	'96
1.	Milk and Cream	$3,080	$3,717
2.	Grapes	$1,862	$2,159
3.	Nursery Products	$1,499	$1,610
4.	Cattle and Calves	$1,299	$1,151
5.	Cotton	$1,047	$1,074
6.	Almonds	$881	$1,009
7.	Hay	$780	$813
8.	Lettuce, Head	$1,062	$735
9.	Flowers & Foliage	$673	$703
10.	Tomatoes, Processing	$661	$664
11.	Strawberries	$611	$585
12.	Oranges	$473	$532
13.	Chickens	$384	$458
14.	Broccoli	$366	$369
15.	Eggs, Chicken	$288	$367
16.	Walnuts	$328	$322
17.	Rice	$311	$285
18.	Carrots	$274	$268
19.	Wheat	$141	$258
20.	Peaches, all	$187	$249

CDFA

California Department of Food and Agriculture

Quick Facts About California Agriculture

- California's cash farm receipts and income for 1996 totaled a record $24.8 billion
- For 50 consecutive years, California has been the number one agricultural state in the nation.
- Agriculture continues to be a vital part of California's future, playing unique role in our economic strength, providing for nearly 1 in 10 jobs and more than $70 billion in related economic activity.
- California farmers help to feed the world, leading the U.S. in the export of nearly $12 billion annually. Pacific Rim countries receive the largest share of California food products (55%), followed by Canada (18%), Europe (9%), and Mexico (5%).
- It is estimated that nearly 27,000 jobs are created in California for every $1 billion in food and agricultural exports.
- California is the number one dairy state. In addition, the Golden State leads the U.S. in the production of everything from artichokes, broccoli, and grapes, to lemons, nursery products, peaches, strawberries, and walnuts, i
- Nearly one-third (29 million) of California's 100 million acres of land are devoted to agricultural production.
- During 1996, California produced nearly 14 million tons of fruits and nuts and 20 million tons of vegetables, accounting for more than half of U.S. production.

Revised 3/16/98

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For more information about California Agriculture, contact:

CDFA, Public Affairs Office
1220 N Street, Room 427
916-654-0462

www.cdfa.ca.gov

Consumer Information Hotline	800-675-2427
Five-a-Day/Nutrition Hotline	888-EAT-FIVE
Donate Don't Dump Hotline	800-283-9000
Food Safety Hotlines	800-266-0200
Don't Pack a Pest Hotline	800-675-2427

California produces nearly every product in the food alphabet, and grows more than half of the nation's fruits, nuts and vegetables. The Golden State also leads U.S. production of more than 75 different foods, which include the following:

Alfalfa Hay • Alfalfa Seed • Almonds • Apricots • Artichokes • Asparagus • Avocados • Bedding Plants • Bell Peppers • Bermuda Grass Seed • Blackeye Beans • Broccoli • Brussels Sprouts • Bulbs • Cantaloupes • Carrots • Casaba Melons • Cauliflower • Celery • Chicory • Chinchillas • Chinese Cabbage • Chinese Peas • Crenshaw Melons • Currants • Cut Flowers • Dates • Dry Baby Lima Beans • Dry Large Lima Beans • Dry Kidney Beans • Eggs • Figs • Garbanzo Beans • Garlic • Goat's Milk • Green Lima Beans • Green Onions • Greenhouse Vegetables • Herbs • Honey • Honeydew Melons • Indoor Plants • Kiwifruit • Ladino Clover Seed • Lemons • Leaf Lettuce • Head Lettuces • Milk • Nectarines • Olives • Onions • Oriental Vegetables • Parsley • Peaches • Pears, Bartlett • Persian Melons • Persimmons • Pigeons & Squabs • Pistachios • Plums • Pomegranates • Prunes • Rabbits • Raisins • Romaine Lettuce • Safflower • Sod • Spinach • Strawberries • Sudan Grass • Sweet Rice • Table Grapes • Processing Tomatoes • Vegetable & Flower Seed • Walnuts • Wild Rice • Wine Grapes

California is also the exclusive (99% or more) producer of several popular U.S. crops, including: almonds, artichokes, dates, figs, kiwifruit, olives, persimmons, pistachios, prunes, raisins, clovers and walnuts.

Top 10 Agricultural Counties in California
(Dollars in Millions)

California is home to nine of the nation's top agriculture producing counties -- all of which are billion dollar producers.

#	County	'95 Value	'96 Value
1.	Fresno	$3,136	$3,133
	Leading Crops: Cotton and Grapes		
2.	Tulare	$2,610	$2,802
	Leading Crops: Milk and Oranges		
3.	Kern	$1,981	$2,067
	Leading Crops: Grapes and Cotton/Cottonseed		
4.	Monterey	$2,028	$1,935
	Leading Crops: Lettuce, Head and Broccoli		
5.	Merced	$1,222	$11,430
	Leading Crops: Milk and Almonds		
6.	San Joaquin	$1,223	$11,352
	Leading Crops: Grapes and Milk		
7.	Stanislaus	$1,116	$1,233
	Leading Crops: Milk and Almonds		
8.	Riverside	$1,163	$1,142
	Leading Crops: Milk and Grapes		
9.	San Diego	$1,049	$1,114
	Leading Crops: Indoor Decoratives and Nursery		
10.	Imperial	$1,009	$957
	Leading Crops: Cattle and Alfalfa		

America's Top 5 Agricultural States
(Dollars in Billions)

State	Rank	Value
California	1	$24.5
Texas	2	$13.3*
Iowa	3	$11.0*
Nebraska	4	$8.7*
Illinois	5	$7.9*

*1995 figures

Revised 3/15/98

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Resources in Your Community

Agricultural Organizations
Call County Farm Bureau offices to see if any of the following are in your area:
- California Women for Agriculture
- Commodity associations
- Farm cooperatives
- Grange associations
- Resource Conservation Districts
- State and federal education and research offices
- Others

Agriculture Education Instructors
- Community colleges, colleges and universities – Agriculture & Natural Resources Department
- Future Farmers of America
- Middle and high schools

Businesses-Local/Regional/National
- Banks
- Department and hardware stores
- Garden and floral shops
- Grocery stores
- Processing plants

Chamber of Commerce
- Agriculture Division
- Directory
- History
- Maps

County Agriculture Commissioner's Office
- Classroom speakers
- Entomologists
- Regulations
- Statistics

County Fair Office
- Agriculture division
- Educational entries
- Posters
- Special events person

County Farm Bureau Office
- Field trip possibilities
- List of agricultural groups within the county
- Newsletters
- Summer Agricultural Seminars

County Superintendent of Schools Office
- Curriculum Coordinators
- Instructional Materials Center/Library
- Public Information Officer

Education Materials
- Catalogs, directories
- Museums, historical societies
- Organizations
- Teacher supply stores

Farmers Markets
- Certified farmers markets
- Farm Trail organizations
- Local farm markets

Libraries
- Local and county reference desks
- National Agricultural Library access

Mentor Teachers
- Agricultural resources
- Garden resources
- Subject area field trips

Museums
- Local historical societies

Newspaper Editors

Offices with Staff Available to Research
- Agriculture-related private industries
  - Banks, agriculture lenders
  - Fertilizer dealer
  - Seed company
  - Tractor dealer
- City Council, Mayor
- Congressional Representative regional offices
- County Board of Supervisors
  - county seal, maps
- State Assembly, Senate District Office

Phone Book
- Community Service Numbers
  - Agriculture
- Government Pages
  - Agriculture
- Yellow Pages
  - Area Profile
  - Places to Go
  - Fun for Kids
  - Did You Know?
  - Calendar of Events
  - Index

Teachers
- AITC Ambassadors
- Curriculum specialists
- Staff meetings
- Workshops

University of California
County Cooperative Extension Office
- County agriculture profiles and history
- Entry into UC resource library systems
- 4-H materials
- Food, animal and plant commodity specialists
- Master Gardeners
- Research

California Counties at a Glance
County Agricultural Offices

ALAMEDA
- Agricultural Commissioner, Hayward ... (510) 670-5232
- CFSA, Concord ... (510) 672-4949
- Farm Advisor, Hayward ... (510) 670-5200
- Farm Bureau, Livermore ... (510) 449-1677

AMADOR
- Agricultural Commissioner, Jackson ... (209) 223-6487
- CFSA, Sacramento ... (916) 682-7821
- Farm Advisor, Jackson ... (209) 223-6482
- Farm Bureau, Jackson ... (209) 223-9095

BUTTE
- Agricultural Commissioner, Oroville ... (530) 538-7381
- CFSA, Oroville ... (530) 534-0112
- Farm Advisor, Oroville ... (530) 538-7201
- Farm Bureau, Oroville ... (530) 533-1473

CALAVERAS
- Agricultural Commissioner, San Andreas ... (209) 754-6504
- CFSA, Stockton ... (209) 946-6241
- Farm Advisor, San Andreas ... (209) 754-6477
- Farm Bureau, San Andreas ... (209) 736-9392

COLUSA
- Agricultural Commissioner, Colusa ... (530) 458-0580
- CFSA, Colusa ... (530) 458-5131
- Farm Advisor, Colusa ... (530) 458-0570
- Farm Bureau, Williams ... (530) 473-2505

CONTRA COSTA
- Agricultural Commissioner, Concord ... (510) 646-5250
- CFSA, Concord ... (510) 672-4949
- Farm Advisor, Pleasant Hill ... (510) 646-6540
- Farm Bureau, Concord ... (510) 672-5115

DEL NORTE
- Agricultural Commissioner, Crescent City ... (707) 464-7231
- CFSA, Eureka ... (707) 442-6058
- Farm Advisor, Crescent City ... (707) 464-4711
- Farm Bureau, Crescent City ... (707) 464-3581

EL DORADO
- Agricultural Commissioner, Placerville ... (530) 621-5520
- CFSA, Auburn ... (530) 885-6505
- Farm Advisor, Placerville ... (530) 621-5502
- Farm Bureau, Placerville ... (530) 622-7773

FRESNO
- Agricultural Commissioner, Fresno ... (209) 456-7510
- CFSA, Fresno ... (209) 487-5225
- Farm Advisor, Fresno ... (209) 456-7285
- Farm Bureau, Fresno ... (209) 237-0263

GLENN
- Agricultural Commissioner, Willows ... (530) 934-6501
- CFSA, Willows ... (530) 934-4669
- Farm Advisor, Orland ... (530) 865-1107
- Farm Bureau, Orland ... (530) 865-9636

HUMBOLDT
- Agricultural Commissioner, Eureka ... (707) 445-7223
- CFSA, Eureka ... (707) 442-6058
- Farm Advisor, Eureka ... (707) 445-7351
- Farm Bureau, Eureka ... (707) 443-4844

IMPERIAL
- Agricultural Commissioner, El Centro ... (760) 339-4314
- CFSA, El Centro ... (760) 352-3531
- Farm Advisor, Holtville ... (760) 352-9474
- Farm Bureau, El Centro ... (760) 352-3831

INYO
- Agricultural Commissioner, Bishop ... (760) 873-7860
- CFSA, Minden, Nev. ... (702) 782-3661
- Farm Advisor, Bishop ... (760) 873-7854
- Farm Bureau, Bishop ... (760) 933-2505

KERN
- Agricultural Commissioner, Bakersfield ... (805) 861-2306
- CFSA, Bakersfield ... (805) 861-4125
- Farm Advisor, Bakersfield ... (805) 868-0200
- Farm Bureau, Bakersfield ... (805) 323-7897

KINGS
- Agricultural Commissioner, Hanford ... (209) 582-3211x2830
- CFSA, Hanford ... (209) 582-1071
- Farm Advisor, Hanford ... (209) 582-3211x2730
- Farm Bureau, Hanford ... (209) 584-3557

LAKE
- Agricultural Commissioner, Lakeport ... (707) 263-2271
- CFSA, Ukiah ... (707) 468-9225
- Farm Advisor, Lakeport ... (707) 263-6838
- Farm Bureau, Lakeport ... (707) 263-0911

LASSEN
- Agricultural Commissioner, Susanville ... (530) 251-8110
- CFSA, Susanville ... (530) 257-4127
- Farm Advisor, Susanville ... (530) 257-6363
- Farm Bureau, Susanville ... (530) 257-7242

LOS ANGELES
- Agricultural Commissioner, El Monte ... (626) 575-5451
- CFSA, Lancaster ... (805) 942-9549
- Farm Advisor, Monterey Park ... (213) 838-8330
- Farm Bureau, Lancaster ... (805) 948-6571

MADERA
- Agricultural Commissioner, Madera ... (209) 675-7876
- CFSA, Madera ... (209) 674-4628
- Farm Advisor, Madera ... (209) 675-7879
- Farm Bureau, Madera ... (209) 674-8871

MARIN
- Agricultural Commissioner, Novato ... (415) 899-8601
- CFSA, Petaluma ... (707) 664-8593
- Farm Advisor, Novato ... (415) 899-8620
- Farm Bureau, Point Reyes Station ... (415) 663-1231

MARIPOSA
Agricultural Commissioner
Mariposa ..... (209) 966-2075
CFSA, Merced ..... (209) 722-4119
Farm Advisor, Mariposa ..... (209) 966-2417
Farm Bureau, Mariposa ..... (209) 966-3848

MENDOCINO
Agricultural Commissioner,
Ukiah ..... (707) 463-4208
CFSA, Ukiah ..... (707) 468-9225
Farm Advisor, Ukiah ..... (707) 463-4495
Farm Bureau, Ukiah ..... (707) 462-6664

MERCED
Agricultural Commissioner,
Merced ..... (209) 385-7431
CFSA, Merced ..... (209) 722-4119
Farm Advisor, Merced ..... (209) 385-7403
Farm Bureau, Merced ..... (209) 723-3001

MODOC
Agricultural Commissioner,
Alturas ..... (530) 233-6401
CFSA, Alturas ..... (530) 233-4391
Farm Advisor, Alturas ..... (530) 233-6400
Farm Bureau, Alturas ..... (530) 233-3276

MONO
Agricultural Commissioner,
Bishop ..... (760) 873-7860
CFSA, Minden Nev ..... (702) 782-3661
Farm Advisor, Bishop ..... (760) 873-7854
Farm Bureau, Bishop ..... (760) 933-2505

MONTEREY
Agricultural Commissioner,
Salinas ..... (408) 759-7325
CFSA, Salinas ..... (408) 424-7377
Farm Advisor, Salinas ..... (408) 759-7350
Farm Bureau, Salinas ..... (408) 455-2600

NAPA
Agricultural Commissioner,
Napa ..... (707) 253-4357
CFSA, Dixon ..... (707) 678-1931
Farm Advisor, Napa ..... (707) 253-4221
Farm Bureau, Napa ..... (707) 224-5403

NEVADA
Agricultural Commissioner,
Grass Valley ..... (530) 273-2648
CFSA, Auburn ..... (530) 885-6505
Farm Advisor, Grass Valley ..... (530) 273-4563
Farm Bureau, Grass Valley ..... (530) 346-8146

ORANGE
Agricultural Commissioner,
Anaheim ..... (714) 447-7100
CFSA, Lancaster ..... (805) 942-9549
Farm Advisor, Costa Mesa ..... (714) 708-1606
Farm Bureau, Irvine ..... (714) 573-0374

PLACER
Agricultural Commissioner,
Auburn ..... (530) 889-7372
CFSA, Auburn ..... (530) 885-6505
Farm Advisor, Auburn ..... (530) 889-7385
Farm Bureau, Newcastle ..... (916) 663-2929

PLUMAS
Agricultural Commissioner,
Quincy ..... (530) 283-6365
CFSA, Susanville ..... (530) 257-4127
Farm Advisor, Quincy ..... (530) 283-6270
Farm Bureau, Loyalton ..... (530) 993-4550

RIVERSIDE
Agricultural Commissioner,
Riverside ..... (909) 275-3000
CFSA, Indio ..... (760) 347-3675
Farm Advisor, Moreno Valley ..... (909) 683-6491
Farm Bureau, Moreno Valley ..... (909) 684-6732

SACRAMENTO
Agricultural Commissioner,
Sacramento ..... (916) 875-6603
CFSA, Sacramento ..... (916) 682-7821
Farm Advisor, Sacramento ..... (916) 845-6913
Farm Bureau, Elk Grove ..... (916) 685-6958

SAN BENITO
Agricultural Commissioner,
Hollister ..... (408) 637-5344
CFSA, Hollister ..... (408) 637-4360
Farm Advisor, Hollister ..... (408) 637-5346
Farm Bureau, Hollister ..... (408) 637-7643

SAN BERNARDINO
Agricultural Commissioner,
San Bernardino ..... (909) 387-2115
CFSA, Lancaster ..... (805) 942-9549
Farm Advisor, San Bernardino ..... (909) 387-2171
Farm Bureau, Rialto ..... (909) 875-5945

SAN DIEGO
Agricultural Commissioner,
San Diego ..... (619) 694-2741
CFSA, Indio ..... (760) 347-3675
Farm Advisor, San Diego ..... (619) 694-2845
Farm Bureau, Escondido ..... (760) 745-3023

SAN FRANCISCO
Agricultural Commissioner,
San Francisco ..... (415) 285-5010
Farm Advisor, San Bruno ..... (650) 871-7559

SAN JOAQUIN
Agricultural Commissioner,
Stockton ..... (209) 468-3300
CFSA, Stockton ..... (209) 946-6241
Farm Advisor, Stockton ..... (209) 468-2085
Farm Bureau, Stockton ..... (209) 931-4931

SAN LUIS OBISPO
Agricultural Commissioner,
San Luis Obispo ..... (805) 781-5910
CFSA, Templeton ..... (805) 434-0398
Farm Advisor, San Luis Obispo ..... (805) 781-5940
Farm Bureau, San Luis Obispo ..... (805) 543-3654

SAN MATEO
Agricultural Commissioner,
Redwood City ..... (650) 363-4700
CFSA, Salinas ..... (408) 424-7377
Farm Advisor, Half Moon Bay ..... (650) 726-9059
Farm Bureau, Half Moon Bay ..... (650) 726-4485

SANTA BARBARA
Agricultural Commissioner,
Santa Barbara ..... (805) 681-5600
CFSA, Santa Maria ..... (805) 928-9269
Farm Advisor, Santa Barbara ..... (805) 568-3330
Farm Bureau, Buellton ..... (805) 688-7479

SANTA CLARA
Agricultural Commissioner,
San Jose ..... (408) 299-2172
CFSA, Hollister ..... (408) 637-4360
Farm Advisor, San Jose ..... (408) 299-2635
Farm Bureau, Morgan Hill ..... (408) 776-1684

SANTA CRUZ
Agricultural Commissioner, Watsonville ..... (408) 763-8080
CFSA, Salinas ..... (408) 424-7377
Farm Advisor, Watsonville ..... (408) 763-8040
Farm Bureau, Watsonville ..... (408) 724-1356

SHASTA
Agricultural Commissioner, Redding ..... (530) 224-4949
CFSA, Redding ..... (530) 246-5253
Farm Advisor, Redding ..... (530) 224-4900
Farm Bureau, Redding ..... (530) 223-2358

SIERRA
Agricultural Commissioner, Quincy ..... (530) 283-6365
CFSA, Susanville ..... (530) 257-4127
Farm Advisor, Quincy ..... (530) 283-6270
Farm Bureau, Loyalton ..... (530) 993-4550

SISKIYOU
Agricultural Commissioner, Yreka ..... (530) 842-8025
CFSA, Yreka ..... (530) 842-6123
Farm Advisor, Yreka ..... (530) 842-2711
Farm Bureau, Yreka ..... (530) 842-2364

SOLANO
Agricultural Commissioner, Fairfield ..... (707) 421-7465
CFSA, Dixon ..... (707) 678-1931
Farm Advisor, Fairfield ..... (707) 421-6790
Farm Bureau, Fairfield ..... (707) 425-8044

SONOMA
Agricultural Commissioner, Santa Rosa ..... (707) 527-2371
CFSA, Petaluma ..... (707) 664-8593
Farm Advisor, Santa Rosa ..... (707) 527-2621
Farm Bureau, Santa Rosa ..... (707) 544-5575

STANISLAUS
Agricultural Commissioner, Modesto ..... (209) 525-4610
CFSA, Modesto ..... (209) 523-4576
Farm Advisor, Modesto ..... (209) 525-6654
Farm Bureau, Modesto ..... (209) 522-7278

SUTTER
Agricultural Commissioner, Marysville ..... (530) 741-7500
CFSA, Yuba City ..... (530) 671-0850
Farm Advisor, Yuba City ..... (530) 822-7515
Farm Bureau, Yuba City ..... (530) 673-6550

TEHAMA
Agricultural Commissioner, Red Bluff ..... (530) 527-4504
CFSA, Red Bluff ..... (530) 527-3013
Farm Advisor, Red Bluff ..... (530) 527-3101
Farm Bureau, Red Bluff ..... (530) 527-7882

TRINITY
Agricultural Commissioner, Weaverville ..... (916) 623-1356
CFSA, Redding ..... (916) 246-5253
Farm Advisor, Hayfork ..... (916) 628-5495
Farm Bureau, Hayfork ..... (916) 628-4415

TULARE
Agricultural Commissioner, Visalia ..... (209) 733-6391
CFSA, Visalia ..... (209) 734-5814
Farm Advisor, Visalia ..... (209) 733-6363
Farm Bureau, Visalia ..... (209) 732-8301

TUOLUMNE
Agricultural Commissioner, Sonora ..... (209) 533-5691
CFSA, Modesto ..... (209) 523-4576
Farm Advisor, Sonora ..... (209) 533-5695
Farm Bureau, Jamestown ..... (209) 532-0300

VENTURA
Agricultural Commissioner, Santa Paula ..... (805) 933-3165
CFSA, Santa Maria ..... (805) 928-9269
Farm Advisor, Ventura ..... (805) 645-1451
Farm Bureau, Ventura ..... (805) 656-3552

YOLO
Agricultural Commissioner, Woodland ..... (530) 666-8140
CFSA, Woodland ..... (530) 662-3986
Farm Advisor, Woodland ..... (530) 666-8143
Farm Bureau, Woodland ..... (530) 662-6316

YUBA
Agricultural Commissioner, Marysville ..... (530) 741-6484
CFSA, Yuba City ..... (530) 671-0850
Farm Advisor, Yuba City ..... (530) 822-7515
Farm Bureau, Yuba City ..... (530) 673-6550

Note: CFSA – Consolidated Farm Service Agency

Compiled by California Farm Bureau Federation Communications/News Division

Agricultural Web Sites

(These site addresses should be preceded by http://)

Agriculture/Industry Groups

Ag Alert: **www.fb.com/cafb/secf.htm**
Ag-Net: **www.ag-net.com**
Agricultural On-Line (*Successful Farming*): **www.agriculture.com**
AgriSource: **www.agrisource.com**
AgSafe: **www.agsafe.org**
Almond Board of California: **www.almond.org**
American Crop Protection Association: **www.acpa.org**
American Farmland Trust: **www.farmland.org**
American Forest and Paper Association: **www.afandpa.org**
American Society of Farm Managers and Rural Appraisers, California Chapter: **www.calasfmra.com**
American Society of Animal Science: **www.asas.org/**
American Water Works Association: **www.awwa.org/utility.htm**
Anderson Valley Winegrowers Association: **www.avwines.com/**
Apple Hill Growers: **www.applehill.com**
Associated California Loggers: **www.assocalog.com**
Association of California Water Agencies: **www.acwanet.com**
Calaveras County Winegrowers Association: **www.calaveraswines.org**
Calavo: **www.calavo.com**
Calcot: **www.calcot.com**
CalFarm Insurance Company: **www.calfarm.com**
California Agricultural Leadership Program: **www.agleaders.org**
California Apple Commission: **www.calapple.com**
California Aquaculture Association: **www.aqua.ucdavis.edu/organizations/organizations.caa.html**
California Artichoke Commission: **www.foodnet.com/epr/providers/cab/sdcabhome.html**
California Association of Nurserymen: **www.can-online.org**
California Avocado Commission: **www.avoinfo.com**
California Canning Peach Association: **fruitsandnuts.ucdavis.edu/ccpa.html**
California Cattlemen's Association (*California Cattleman* magazine): **www.cwo.com/~jdainc/ccm/ccmidx.html**
California Certified Organic Growers: **www.ccof.org**
California Cherry Advisory Board: **www.califcherry.com/**
California Christmas Tree Growers: **www.cachristmas.com/**
California Cooperative Creamery: **www.cal-gold.com**
California Crop Improvement Association: **www.vgl.ucdavis.edu/~ccia**
California Cut Flower Commission: **www.ccfc.org**
California Dairy Herd Improvement Association: **www.atinet.org/cdhia**
California Dairy Research Foundation: **www.cdrf.org/**
California Egg Commission: **www.eggcom.com**
California Emu Association: **www.pier37.com/calea/default.htm**
California Farm Equipment Show: **www.farmshow.org**
California Farm Water Coalition: **www.cfwc.com**
California Federation of Certified Farmers Markets: **farmersmarket.ucdavis.edu**
California Fertilizer Association: **www.calfertilizer.org**
California Fig Advisory Board: **www.californiafigs.com**
California Forest Products Commission: **www.calforests.org**
California Forestry Association: **www.foresthealth.org**
California Foundation for Agriculture in the Classroom: **www.cfaitc.org**
California Fresh Carrot Advisory Board: **www.carrots.org/**
California Grape and Tree Fruit League: **www.atinet.org/league**
California Heartland (PBS TV Series): **www.californiaheartland.com**

California Horse Racing Board: **www.chrb.ca.gov**
California Kiwifruit Commission: **www.kiwifruit.org**
California Macadamia Society: **users.aol.com/TeeterJS/cms.html**
California Milk Advisory Board: **www.calif-dairy.com**
California Pear Advisory Board: **www.calpear.com**
California Poultry Industry Federation: **www.cpif.org**
California Rare Fruit Growers: **www.crfg.org/**
California Redwood Association: **www.calredwood.org**
California State Fair: **bigfun.org**
California State Grange: **www.grange.org/calif1.htm**
California State Horsemen's Association: **www.calstatehorsemen.com**
California Strawberry Commission: **www.calstrawberry.com**
California Table Grape Commission: **www.tablegrape.com**
California Thoroughbred Breeders Association: **www.ctba.com**
California Tomato Commission: **www.tomato.org**
California Tomato Growers Association: **www.ctga.org**
California Urban Water Agencies: **www.dcse.com/cuwa.html**
California Water Clearinghouse: **www.bay-delta.org**
California Women for Agriculture: **www.cawomen4ag.com**
Citrus Research Board: **www.citrusresearch.com**
Coachella Valley Water District: **www.cvwd.org/**
Coalition for Vehicle Choice: **politicsusa.com/CVC/**
Colusa Farm Show. **www.thefarmshow.com**
Community Alliance with Family Farmers: **www.caff.org**
Dairy America: **www.dairyamerica.com**
Dairy Council of California: **www.dairycouncilofca.org**
Diamond Walnut: **www.diamondwalnut.com**
Family Farm Alliance: **www.whiteknight.com/Alliance/**
Family Winemakers of California: **www.familywinemakers.com**
Farm Bureau
- American Farm Bureau Federation: **www.fb.com/**
- California Farm Bureau Federation: **www.fb.com/cafb**
- Kern County Farm Bureau: **www.kerncfb.com**
- Lake County Farm Bureau: **www.pacific.net/~lcfb/**
- Merced County Farm Bureau: **merced-county.com/farmbureau/**
- Napa County Farm Bureau: **www.napanet.net/organizations/community/farm/**
- Riverside County Farm Bureau: **members.aol.com/rcfarmb/**
- San Diego County Farm Bureau: **www.sdfarmbureau.org**
- San Luis Obispo County Farm Bureau: **www.slofarmbureau.org**
- Shasta County Farm Bureau: **www.snowcrest.net/shastafb**
- Siskiyou County Farm Bureau: **www.libertymatters.org/SCFB.htm**
- Ventura County Farm Bureau: **members.aol.com/vcfb1**

Farm Credit System:
- Northern California: **tvland.maxinet.com/farmcrdt/**
- Pacific Coast: **www.Agloan.com**
- Southern California: **www.fcssc.com**

Fresh Produce and Floral Council: **www.fpfc.org**
Fresno Chamber of Commerce Agribusiness Council: **www.fresnochamber.com/ag.html**
Heidrick Ag History Center: **www.aghistory.org**
Imperial Irrigation District: **lightlink.satcom.net/IID/index.html**
Kings River Conservation District: **www.krcd.org**
Livermore Valley Winegrowers Association: **www.dnai.com/~lvwa**
Lodi Woodbridge Winegrape Commission: **www.smartwired.com/lodiwood/lodihome.htm**
Marin Agricultural Land Trust: **www.malt.org**
Mendocino Winegrowers Alliance: **www.mendowine.com/**
Merced Irrigation District: **www.mercedid.org**
Metropolitan Water District of Southern California: **www.mwd.dst.ca.us**

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Modesto Irrigation District: **www.mid.org**
Monterey Wine Country Associates: **www.wine.com/monterey**
Mushroom Council: **www.mushroomcouncil.com**
Napa County Farm Supply: **www.napanet.net/~ncfarm/**
Napa Valley Vintners Association: **www.napavintners.com**
National Cattlemen's Beef Association: **www.ncanet.org/cattlemen.html**
National FFA Organization: **www.agriculture.com/contents/FFA/index.html**
National Fluid Milk Processor Promotion Board: **www.whymilk.com**
National Meat Association: **www.hooked.net/users/nma**
National Pork Producers Council: **www.nppc.org**
Naturipe Berry Growers: **www.naturipe.com**
Oakdale Irrigation District: **www.sonnet.com/usr/oid/index.html**
Ocean Mist Farms: **www.oceanmist.com**
Oregon/Washington/California Pear Bureau: **www.usapears.com/pears**
Pacific Coast Producers: **www.pcoastp.com**
Pacific Coast Quarter Horse Association: **www.pcqha.com**
Preferred Alliance: **www.preferredalliance.com**
Raisin Administrative Committee: **www.raisins.org**
Real California Cheese: **www.realcaliforniacheese.com**
San Diego Water Authority: **www.sdcwa.org**
San Francisco Flower Mart: **www.sfflmart.com**
San Luis Obispo County CattleWomen: **www.cattlewomen-slo.org**
Santa Barbara County Vintners Association: **www.wines.com/sbhome.html**
Santa Cruz Mountains Winegrowers Association: **www.wines.com/santa_cruz_mountains/schome.html**
Solano County Water Agency: **community.net/~scwa**
Sonoma County Wineries Association: **www.sonomawine.com**
State Compensation Insurance Fund: **www.scif.com**
State Water Contractors: **www.Calweb.com/~swc**
Stockton Ag Expo: **www.stocktonchamber.org/agexpo/agexpo.html**
Sun-Maid Growers of California: **www.sun-maid.com**
Sunkist Growers: **www.sunkist.com**
The Packer: **www.thepacker.com**
Turlock Irrigation District: **www.tid.org**
United Agribusiness League: **www.ual.org**
United Ratite Cooperative: **www.primenex.com/urc**
US Water News OnLine: **www.mother.com/uswaternews**
Valley Fig Growers: **www.valleyfig.com**
Walnut Marketing Board: **www.walnut.org**
Water Education Foundation: **www.water-ed.org**
Water-On-Line Project: **ceres.ca.gov/WOL/home.html/**
Water Resources Center Archives (UC Berkeley): **www.lib.berkeley.edu/WRCA/**
WateReuse Association of California: **www.watereuse.org/h2o**
Waterweb: **www.waterweb.com**
Western Crop Protection Association: **www.wcpa.org**
Western Fairs Association: **www.fairsnet.org/**
Western Growers Association: **www.wga.com/**
Western Wood Products Association: **www.wwpa.org**
Wine Institute: **www.wineinstitute.org**

Government

County/Local

Kern County Agricultural Commissioner: **www.netxn.com/~agcom15/**
Kings County Agricultural Commissioner: **www.cnetech.com/agcom**
San Diego County Agricultural Commissioner: **www.co.san-diego.ca.us/cnty/cntydepts/landuse/agri**
San Francisco County Agricultural Commissioner: **www.ci.sf.ca.us/ag/**
Santa Clara County Agricultural Commissioner: **claraweb.co.santa-clara.ca.us:80/agri/index.html**
Stanislaus County Agricultural Commissioner: **www.invsn.com/agcom50/**
Tulare County Agricultural Commissioner: **bizweb.lightspeed.net/~tulareag/**
Tulare County Rural Crime Task Force: **bizweb.lightspeed.net/~tulareag/agcrime.htm**

State of California

Ag Export Program: **www.atinet.org/aep**
Cal-Fed Bay-Delta Program: **wwwcalfed.water.ca.gov/index.htm**
California Air Resources Board: **www.arb.ca.gov/**
California Department of Fish and Game: **www.dfg.ca.gov**
    DFG Bay-Delta and Special Water Projects: **www.delta.dfg.ca.gov**
California Department of Food and Agriculture: **www.cdfa.ca.gov**
California Department of Pesticide Regulation: **www.cdpr.ca.gov**
California Department of Water Resources: **www.dwr.water.ca.gov/**
    Cooperative Snow Surveys: **snow.water.ca.gov**
California Energy Commission: **www.energy.ca.gov**
    Energy in Agriculture Program: **www.energy.ca.gov/energy/agprogram/HOMEPAG.HTM**
California Environmental Protection Agency: **www.calepa.cahwnet.gov**
California Homepage: **www.ca.gov/gov/calhome.html**
California Legislative Counsel: **www.leginfo.ca.gov**
California Resources Agency: **ceres.ca.gov/**
California State Assembly: **www.assembly.ca.gov/**
California State Senate: **www.sen.ca.gov/**
Interagency Ecological Program: **www.iep.ca.gov**
State Water Resources Control Board: **www.swrcb.ca.gov**

United States Government

Cal-Fed Bay-Delta Program: **wwwcalfed.water.ca.gov/index.htm**
National Marine Fisheries Service: **kingfish.ssp.nmfs.gov/**
Southwest Region: **swr.ucsd.edu**
National Weather Service: **www.cbrfc.gov**
US Army Corps of Engineers, Sacramento District: **wetland.usace.mil**
US Bureau of Land Management, California Office: **www.ca.blm.gov**
US Bureau of Reclamation--Mid-Pacific Region: **www.mp.usbr.gov/**
US Bureau of Reclamation--Southern California Area Office: **www.lc.usbr.gov/~scao**
US Department of Agriculture: **www.usda.gov**
    Economic Research Service: **www.econ.ag.gov**
    Food Safety and Inspection Service: **www.usda.gov/agency/fsis/homepage.htm**
    National Agricultural Library: **www.nalusda.gov/**
    Natural Resources Conservation Service: **www.wcc.nrcs.usda.gov/**
    Natural Resources Conservation Service, California office: **ca.nrcs.usda.gov**
    Pesticide Data Program: **www.charweb.org/government/usdapdp/**
    World Agricultural Outlook Board: **www.usda.gov/agency/oce/waob/waob.htm**
US Environmental Protection Agency, Region 9: **www.epa.gov/region09/**
US Fish and Wildlife Service, Pacific Region: **www.r1.fws.gov/**
US Food and Drug Administration Center for Veterinary Medicine: **www.cvm.fda.gov/**
US Geological Survey Water Resources Division, California: **water.wr.usgs.gov/**
US House Agriculture Committee: **www.house.gov/agriculture/**
White House: **www.whitehouse.gov/WH/Welcome.html**

University/Academia

Advanced Technology Information Network (ATINET)/Fresno State: **www.atinet.org/**
California Agricultural Technology Institute/Fresno State: **www.atinet.org/cati/**
California State University System: **www.calstate.edu**
Cal Poly Pomona College of Agriculture: **www.csupomona.edu/agri/**
Cal Poly San Luis Obispo College of Agriculture: **www.calpoly.edu/~cagr**
Chico State University School of Agriculture: **www.csuchico.edu/agr/**
Fresno State University School of Agriculture: **www.csufresno.edu/SAST/Default/html**
Georgia State University Legal Research Meta-Index: **www.gsu.edu/~lawadmn/lawform.html**
Stanford University News Service: **www.leland.stanford.edu/dept/news/**
University of California Agricultural Personnel Management Program: **are.berkeley.edu/APMP/**
UC Alfalfa Workgroup: **agronomy.ucdavis.edu/alfalfa.wg/home.htm**
UC Berkeley College of Natural Resources: **www.cnr.berkeley.edu**
UC Davis College of Agriculture: **www.aes.ucdavis.edu/**
- UCD Biotechnology Program: **pubweb.ucdavis.edu/Documents/BIOTECH/biotech1.htm**
- UCD Department of Pomology: **pom.ucdavis.edu**

UC Cooperative Extension
- Northern Region: **www.ucce-north.ucdavis.edu/**
- North-Central Region: **www.ncr.ucdavis.edu**
- South-Central Region: **www.uckac.edu.danrscr**
- Southern Region: **uccesouth.ucr.edu**
- Livestock and Natural Resources: **danr.ucop.edu/uccelr/uccelr.htm**
- Calaveras County: **www.uccecalaveras.org/**
- El Dorado County: **co.el-dorado.ca.us/ucce/**
- Stanislaus County: **www.cnr.berkeley.edu/ucce50/**
- Tulare County: **www.ucce.tulare.ca.us/**

UC Davis Department of Pomology: **pom.ucdavis.edu**
UC Division of Agricultural and Natural Resources: **www.ucop.edu/anrhome/danr.html**
UC Division of Agricultural and Natural Resources, South Central Region: **www.uckac.edu/danrscr**
UC Integrated Pest Management Project: **www.ipm.ucdavis.edu**
UC Kearney Agricultural Center: **www.uckac.edu/**
UC News Wire: **www.cybergate.com/ucnewswire**
UC Riverside College of Agriculture: **cnas.ucr.edu/**
UC Santa Cruz Center for Agroecology and Sustainable Food Systems: **zzyx.ucsc.edu/casfs/**
UC Sustainable Agriculture Research and Education Program: **www.sarep.ucdavis.edu**

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***Note:** This list is offered as an informational resource only. It contains Internet sites established by California farm groups, government agencies, media outlets and universities. The list is not considered to be all inclusive since new Web sites are posted regularly. The entities or contents of sites on this list are not necessarily endorsed by the California Farm Bureau Federation, California Foundation for Agriculture in the Classroom or by the author.*

#1 Commodities by County

Alameda - Nursery Products
Alpine - Timber
Amador - Timber
Butte - Almonds
Calaveras - Cattle
Colusa - Rice
Contra Costa - Bedding Plants
Del Norte - Timber
El Dorado - Timber
Fresno - Grapes
Glenn - Rice
Humboldt - Timber
Imperial - Cattle
Inyo - Cattle
Kern - Grapes
Kings - Milk
Lake - Pears
Lassen - Hay
Los Angeles - Ornamental Trees & Shrubs
Madera - Almonds
Marin - Dairy
Mariposa - Cattle
Mendocino - Timber
Merced - Dairy
Modoc - Alfalfa
Mono - Cattle
Monterey - Lettuce
Napa - Grapes
Nevada - Timber
Orange - Nursery & Cut Flowers
Placer - Rice
Plumas - Cattle
Riverside - Milk
Sacramento - Milk
San Benito - Lettuce
San Bernardino - Milk
San Diego - Indoor Decoratives
San Francisco - Nursery Products
San Joaquin - Grapes
San Luis Obispo - Grapes
San Mateo - Ornamental Nursery
Santa Barbara - Broccoli
Santa Clara - Mushrooms
Santa Cruz - Strawberries
Shasta - Cattle
Sierra - Cattle
Siskiyou - Timber
Solano - Tomatoes
Sonoma - Grapes
Stanislaus - Milk
Sutter - Rice
Tehama - Prunes
Trinity - Timber
Tulare - Milk
Tuolumne - Timber
Ventura - Lemons
Yolo - Tomatoes
Yuba - Prunes

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Ranking Based on Dollar Value of Commodity, 1996 Statistics
Extracted from County Agricultural Commissioner Reports

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California Agriculture Quiz

1.	Agriculture is one of California's leading industries.	True		False
2.	California is the nation's #1 farm state.	True		False
3.	California farmers and ranchers produce over 350 different crops and livestock commodities.	True		False
4.	The majority of farmland in California is owned by families.	True		False
5.	Beef products are California's #1 agriculture export commodity.	True		False
6.	The top 3 states in agricultural production are	1._____		
		2._____		
		3._____		
7.	List 5 of the top 10 commodities produced in California.	1._____		
		2._____		
		3._____		
		4._____		
		5._____		
8.	California leads the nation in the production of _____ crops and livestock commodities.	36	64	76
9.	According to government statistics, there are approxmately _____,000 farms and ranches in California.	35	82	190
10.	The average size of a California farm is _____ acres.	248	366	630
11.	The nationwide average farm is _____ acres.	469	770	935
12.	Agriculture directly contributes over _____ billion dollars to California's economy.	12.4	17.8	24.8

Based on 1996 statistics from: California Department of Food and Agriculture; Agriculture, Statistical Review, 1996, and California Farm Bureau Federation, Information Services Division.

California Agriculture Quiz

Answer Sheet

1. **Agriculture is one of California's leading industries.** **True** **False**
   Cash farm receipts for 1996 totaled a record $24.8 billion and generated more than $70 billion in related economic activity.

2. **California is the nation's #1 farm state.** **True** **False**
   For the past 50 years, California has been the leading agriculture producing state in the nation, followed by Texas and Iowa. Of the top 20 agriculture producing counties in the United States, 14 are located in California. The 14 counties in ranking order are Fresno (1), Monterey (2), Tulare (3), Kern (4), San Joaquin (6), Merced (8), Riverside (9), Stanislaus (11), Ventura (14), Kings (15), Imperial (16), San Diego (17), Madera (18), and San Bernardino (20).

3. **California farmers and ranchers produce over 350 different crops and livestock commodities.** **True** **False**
   Because of diverse micro-climates and an excellent water transportation system, California farmers can produce over 350 different crops and livestock commodities.

4. **The majority of farmland in California is owned by families.** **True** **False**
   Less than 3% of California farmland is owned by non-family corporations. Many family farms have become incorporated to ensure the continuation of their operation into future generations.

5. **Beef products are California's #1 agriculture export commodity.** **True** **False**
   Beef cattle is California's #1 agriculture export in 1995. 26% of all California agricultural exports were sold to Japan. (1996 figure not available)

6. **The top 3 states in agricultural production are**
   1. **California $24.8 billion**
   2. **Texas $13.1 billion**
   3. **Iowa $12.9 billion**

7. **List 5 of the top 10 commodities produced in California.**

1.	Milk & Cream	6.	Lettuce	1._____
2.	Grapes (table, wine and juice)	7.	Almonds	2._____
3.	Nursery Products	8.	Hay	3._____
4.	Cattle and Calves	9.	Flowers and Foliage	4._____
5.	Cotton Lint	10.	Tomatoes, Processing	5._____

8. **California leads the nation in the production of __76__ crops and livestock commodities.** **36** **64** **76**
   California produces over 99% of the total U.S. output of several crops including almonds, artichokes, clovers, dates, figs, kiwifruit, olives, persimmons, pistachios, prunes, raisins and walnuts.

9. **According to government statistics, there are approximately 82,000 farms and ranches in California.** **35** **82** **190**
   The federal government defines a farm to be any unit of production with gross sales of $1,000 per year. In 1996 this qualified 82,000 farms to be counted in California - less than 1.5% of the population.

10. **The average size of a California farm is __366__ acres.** **248** **366** **630**
    The size of farms varies depending on the type of agriculture commodity produced. For example, vineyards or citrus groves average 45 acres while cattle ranches need larger acreage to graze their herds.

11. **The nationwide average farm is__469__ acres.** **469** **770** **935**

12. **Agriculture directly contributes over__24.8__ billion dollars to California's economy.** **12.4** **17.8** **24.8**
    Agriculture generated $24.8 billion for our state's economy in 1996.

Based on 1996 statistics from: California Department of Food and Agriculture; Agriculture, Statistical Review, 1996, and California Farm Bureau Federation, Communications/News Division.

Agricultural Related Books
(An Annotated Book List)

Primary

Adoff, Arnold. **Eats**. Mulberry Books, 1992.
Poems pay tribute to the universal pleasures of consuming food.

Aliki. **Corn is Maize**. Harper & Row, 1976.
The story of how ancient Indian farmers discovere a wild grass plant, use it in their lives and how they eventually share it with the new settlers of America.

Azarian, Mary. **A Farmer's Alphabet**. David R. Godine, 1987.
A noteworthy picture book depicting an older, agrarian way of life.

Bunting, Eve. **Market Day**. HarperCollins Publishing, 1996.
Young children in Ireland observe farm animals and crops when they visit a country fair on market day.

Charles, N.N. **What Am I? – Looking Through Shapes at Apples and Grapes**. Blue Sky Press, 1994.
Illustrations with cut-out shapes and rhyming questions introduce fruits, colors and shapes.

Coats, Laura Jane. **The Almond Orchard**. Macmillan Publishing, 1991.
The workings of an almond orchard over almost a 100-year time span shows changes in the seasons and in the technology of almond farming.

Cole, Henry. **Jack's Garden**. William Morrow & Company, 1995.
Shows what happens in Jack's garden after he plants seeds.

Cole, Joanna. **The Magic School Bus at The Waterworks**. Scholastic Inc., 1986.
A field trip in The Magic School Bus allows Ms. Frizzle's class to get a first-hand look at water processing.

Ehlert, Lois. **Eating the Alphabet: Fruits and Vegetables from A to Z**. Harcourt Brace Jovanovich, 1989.
An alphabetical tour of the world of fruit and vegetables from apricot and artichoke to yam and zucchini.

Ehlert, Lois. **Planting a Rainbow**. Harcourt Brace Jovanovich, 1988.
A mother and child plant a rainbow of flowers in the family garden.

French, Vivian. **Oliver's Vegetables**. Orchard Books, 1995.
In grandfather's garden, a young boy learns about eating vegetables.

Gardella, Tricia. **Just Like My Dad**. Harper Collins, 1993.
The adventures of a young child who spends a day on a cattle ranch as a cowhand, just like Dad.

Gershator, David and Phillis Gershator. **Bread is for Eating**. Henry Holt, 1995.
Mamita explains how bread is produced from seed to flour in a poem/song in English and Spanish.

Gibbons, Gail. **The Seasons of Arnold's Apple Tree**. Harcourt Brace Jovanovich, 1984.
Drawings and text show a young boy's apple tree as it grows and changes throughout the year.

Gibbons, Gail. **The Milk Makers**. Macmillan Publishing Company, 1987.
Text and pictures explain how cows produce milk and how it is processed before being delivered to stores.

Glaser, Linda. **Compost!** Millbrook Press, 1996.
Explains what composting is, what it does, and how to go about using it.

Gibbons, Gail. **Country Fair**. Little, Brown & Company, 1994.
A visit to a country fair in autumn features livestock, farm products and quilts.

Gibbons, Gail. **Farming**. Holiday House, 1988.
An introduction to farming and the work done on a farm throughout the seasons.

Jackson, Woody. **Counting Cows**. Harcourt Brace & Co., 1995.
A whimsical counting book features cows and cow terminology.

Jaspersohn, William. **Cranberries**. Houghton Mifflin Company, 1991.
Text and color photos show the raising and harvesting of a cranberry bog.

Kellogg, Steven. **Johnny Appleseed – A Tall Tale Retold**. Morrow Junior Books, 1988.
Prose and pictures tell the story of an American hero.

King, Elizabeth. **Backyard Sunflower**. Dutton Children's Books, 1993.
Text and color photos follow the life cycle of sunflowers from seed to products.

Kroll, Steven. **The Biggest Pumpkin Ever**. Holiday House, 1984.
A tale of two mice who raise and harvest a very large pumpkin.

Leedy, Loreen. **The Edible Pyramid**. Holiday House, 1994.
Colorful and whimsical graphics complement the story of eating at the Edible Pyramid Restaurant where the specialty is a healthy diet.

Lesser, Carolyn. **What a Wonderful Day to be a Cow**. Alfred A. Knopf, 1995.
Every month of the year, the animals on the farm enjoy their way of life. Describes seasons of the year on a farm.

Lindbergh, Reeve. **Johnny Appleseed**. Little, Brown & Company, 1990.
Rhymed text and illustrations relate the life of John Chapman, whose distribution of apple seeds and trees across the Midwest made him a legend and left a legacy still enjoyed today.

Lindbergh, Reeve. **The Midnight Farm**. Dial Books for Young Readers, 1987.
Secrets of the dark are revealed in this poem describing a farm at midnight.

MacLachlan, Patricia. **All the Places to Love**. HarperCollins, 1994.
A young boy describes the favorite places he shares with his family on his grandfather's farm and nearby countryside.

McPhail, David. **Farm Morning**. Harcourt Brace Jovanovich, 1985.
A father and his young daughter share a special morning as they feed all the animals on the farm.

Older, Jules. **Cow**. Charlesbridge, 1997.
A lighthearted, nonfiction book on cows, breeds and milk production.

Pallotta, Jerry and Bob Thomson. **The Victory Garden Alphabet**. Charlesbridge, 1992.
Colored illustrations and descriptions from asparagus to zucchetta.

Paulsen, Gary. **The Tortilla Factory**. Harcourt Brace & Co., 1995.
Simple text and paintings tell the story of tortillas from corn seed to plant and then to factory and store.

Peterson, Cris. **Extra Cheese, Please!** Boyds Mills Press, 1994.
Text and color photos show milk's journey from cow to cheese to pizza.

Provensen, Alice and Martin Provensen. **Town and Country**. Crown Publishers, 1985.
Describes life in a big city and on a farm near a village.

Ray, Mary Lyn. **Pumpkins**. Harcourt Brace & Co. 1992.
A man harvests and sells a bountiful crop of pumpkins so that he will be able to preserve a field from developers.

Robbins, Ken. **Make Mine a Peanut Butter Sandwich and a Glass of Milk**. Scholastic, 1992.
Text and photos show how each part of a peanut butter sandwich and milk for lunch is made, from field to store to table.

Shannon, George. **Climbing Kansas Mountains**. Bradbury Press, 1993.
A young boy and father share the beauty of a Kansas farm and landscape.

Simon, Seymour. **Autumn Across America**. Hyperion, 1993.
Text and color photos describe the signs of autumn around the United States including the harvesting of crops, leaves changing colors, bird and insect migration and changes in climate.

Small, David. **George Washington's Cows**. Farrar Straus Giroux, 1994.
Humorous rhymes about George Washington's farm, where the cows wear dresses, the pigs wear wigs and the sheep are scholars.

Stevens, Janet. **Tops and Bottoms**. Harcourt Brace and Co., 1995.
Folktale involves a hare and a bear as they plant and harvest vegetables.

Tudor, Tasha. **Corgiville Fair**. Harper Trophy, a Division of HarperCollins Publishers, 1991.
Chronicles the events of the Corgiville Fair, especially the actions of Edgar Tom Cat in his attempt to win the goat race.

Watson, Clyde. **Applebet an ABC**. Farrar, Straus and Giroux, 1987.
Short verses introduce scenes from a fair in which letters of the alphabet figure prominently.

Ziefert, Harriet. **A New Coat for Anna**. Knopf, 1986.
Anna visits the sheep that provide the wool and all the people involved in making her winter coat.

Intermediate

Ada, Alma Flor. **Gathering the Sun**. Lothrop, Lee and Shepard Books, 1997.
A book of poems in English and Spanish about migrant farm laborers working the fields, one poem for each letter of the Spanish alphabet.

Atwell, Debby. **Barn**. Houghton Mifflin Company, 1996
Using test and paintings, the life of a country barn is followed from the late eighteenth-century to the present day.

Badt, Karin Luisa. **Good Morning, Let's Eat**. Childrens Press, 1994.
Color photos and text show breakfast food habits around the world.

Bates, Katharine Lee. **America the Beautiful**. Atheneum, 1993.
An illustrated edition of the nineteenth-century poem, later set to music, celebrates the beauty of America.

Bjork, Christina and Lena Anderson. **Linnea's Windowsill Garden**. R & S Books, 1988.
The story of a young girl who successfully raises plants indoors; includes how-to directions for the reader.

Bolton, Janet. **My Grandmother's Patchwork Quilt**. Delacorte Press, 1994.
A young grandchild uses a patchwork quilt to retell the story of her grandmother and her account of daily life on the farm.

Bourgeois, Paulette. **The Amazing Apple Book**. Addison-Wesley Publishing Company, Inc., 1990.
Information on apples including their cultivation, crafts and recipes.

Bourgeois, Paulette. **The Amazing Dirt Book**. Addison-Wesley Publishing Company, Inc., 1993.
Information on soil and the animals that live in it with projects ranging from crafts to gardening and cooking.

Bourgeois, Paulette. **The Amazing Potato Book**. Addison-Wesley Publishing Company, Inc., 1991.
History, cultivation, crafts and recipes using potatoes.

Corwin, Judith Hoffman. **Harvest Festivals Around the World**. Silver Burdett Press, 1995.
A history of many crop-related festivals including craft activities and recipes.

Dooley, Norah. **Everybody Bakes Bread**. Carolrhoda Books, 1996.
A story that introduces children to many different kinds of breads and recipes to make them.

Dooley, Norah. **Everybody Cooks Rice**. Carolrhoda Books, 1991.
A girl's adventure at dinnertime introduces her to a variety of cultures and the ways that rice is used in the evening meal.

Dragonwagon, Crescent. **Home Place**. Macmillan Publishing Company, 1990.
While out hiking, a family comes upon the site of an old house and finds some clues about the people who once lived there.

Dunrea, Oliver. **The Painter Who Loved Chickens**. Farrar Straus Giroux, 1995.
Paintings and text tell the story of a painter who dreams of owning a farm and who eventually sells his chicken paintings to purchase it. Realistic paintings of different breeds of chickens.

Erlback, Arlene. **Peanut Butter**. Lerner Publishing, 1994.
Describes how peanut butter is made, from the cultivation of peanuts through filling the jars with the nutty spread. Includes, simple no-bake recipes.

Faber, Doris. **The Amish**. Doubleday, 1991.
Discusses the history, culture, daily lifestyle and future of the Amish people.

Fox, Mary V. **The Story of Women Who Shaped the West**. Children's Press, 1994.
Presents examples of women who helped to shape the Western frontier including the schoolteacher, justice of the peace and homesteader.

Greenwood, Barbara. **A Pioneer Sampler**. Houghton Mifflin, 1994.
Looks into a year in the life of the Robertsons, a pioneer family on a backwoods farm in 1840. Includes activities for students.

Griffen, Margaret and Deborah Seed. **The Amazing Egg Book**. Addison Wesley, 1989.
Information on eggs, animals who lay eggs, egg crafts and recipes.

Hautzig, David. **At the Supermarket**. Orchard Books, 1994.
A photo essay shows 24 hours of activity in a supermarket, including where the food comes from and who helps produce the food.

Heller, Ruth. **The Reason for a Flower**. Grosset & Dunlap, 1983.
Brief text and lavish illustrations explain plant reproduction and the purpose of a flower using unique flowering plants as examples.

Hiscock, Bruce. **The Big Tree**. Aladdin Books, 1991.
Follows the development of a large old maple tree from its growth as a seed during the American Revolution to its maturity in the late 20th century.

Hogan, Paula Z. **The Honeybee**. Raintree Streck-Vaughn, 1991.
Describes, in simple terms, the life cycle of the honeybee.

Johnson, Sylvia A. **A Beekeeper's Year**. Little Brown & Co., 1994.
Full color photos and text follow a beekeeper through the four seasons, showing how bees and humans work together to make honey.

Keeler, Patricia A. and Francis X. McCall, Jr. **Unraveling Fibers**. Atheneum, 1995.
Text and photos show the raising and processing of natural fibers from plants and animals.

King, Elizabeth L. **Chile Fever**. Dutton Children's Books, 1995.
Color photos and text show the growth cycle, history and importance of chile peppers to cultures of the world.

Kite, Patricia L. **Garden Wizardry for Kids**. Barron's Educational Services, 1995.
History and folklore associated with common fruits and vegetables and the methods for raising, eating and crafting with them.

Lovejoy, Sharon. **Sunflower Houses**. Interweave Press, Inc., 1991.
Garden discoveries, tips for growing plants, folklore and crafts for children of all ages.

Martin, Jacqueline Briggs. **The Green Truck Garden Giveaway**. Simon and Schuster Books for Young Readers, 1997.
A community of gardeners is created by two people passing out seeds, gardening supplies and information on farming, gardens and crops.

Meltzer, Milton. **The Amazing Potato**. HarperCollins, 1992.
A history of the potato from the Incas to Marie Antoinette, Thomas Jefferson and the French fry.

Micucci, Charles. **The Life and Times of the Honeybee**. Ticknor and Fields Books for Young Readers, 1995.
Depicts the life cycle and habits of the honeybee, describing in detail the organization of the hive and the making of honey.

Müller, Jörg. **The Changing Countryside**. Atheneum, 1977.
Seven fold-out pictures graphically show changes in a countryside setting over a 20 year period.

Pallotta, Jerry. **The Spice Alphabet Book**. Charlesbridge, 1994.
Information on the history, sources and uses of herbs, spices and other natural flavors.

Peterson, Cris. **Harvest Year**. Boyds Mills Press, 1996.
A photographic essay about foods that are harvested year-round in the United States.

Polacco, Patricia. **The Keeping Quilt**. Simon and Schuster, 1988.
A homemade quilt ties together the lives of four generations of an immigrant Jewish family and remains a symbol of their love and faith.

Provensen, Alice and Martin Provensen. **This Year at Maple Hill Farm**. First Aladdin Books, 1988.
Describes the seasonal changes on a farm and surrounding countryside throughout the year.

Raftery, Kevin and Kim Gilbert Raftery. **Kid's Gardening: A Kid's Guide to Messing Around in the Dirt** Klutz Press, 1989.
Indoor and outdoor growing activities for young gardeners.

Schotter, Roni. **A Fruit & Vegetable Man**. Little, Brown and Co., 1993.
A multi-cultural story of a small, urban fruit stand and the connection between farmer and consumer.

Shelby, Anne. **Homeplace**. Orchard Books, 1995.
Grandmother and grandchild trace the 200 year history of a family, its home and farm.

Sohi, Morteza. **Look What I Did With a Leaf!** Walker Publishing, 1993.
Provides examples of different kinds of animals that can be made out of leaves and suggests various uses for the finished product.

Stewart, Sarah. **The Gardener**. Farrar, Straus, Giroux, 1997.
A series of letters relates what happens when a young girl from the country goes to live in the city and takes with her the love of gardening.

Tamar, Erika. **The Garden of Happiness**. Harcourt Brace and Co., 1996.
Marisol and neighbors turn a New York City vacant lot into a lush community garden.

Waters, Kate. **Samuel Eaton's Day**. Scholastic 1993 and **Sarah Morton's Day**. Scholastic, 1989.
Describes the busy life of children on the Plimoth Plantation in the 1600s in text and pictures.

Watts, Barrie. **Apple Tree**. Silver Burdett Press, 1987.
Describes, in simple text and illustrations, how an apple develops from a blossom in the spring to a ripe fruit in the autumn.

White, E.B. **Charlotte's Web**. HarperCollins, 1952.
Charlotte the spider, Wilbur the pig, and Fern a little girl, present a classic tale of life on a farm.

Wiesner, David. **June 29, 1999**. Clarion Books, a Houghton Mifflin Company, 1992.
While 3rd grade classmates are sprouting seeds in paper cups, Holly has a more innovative science project in mind.

Wilder, Laura Ingalls. **Farmer Boy**. Harper Trophy, a Division of HarperCollins Publishers, 1971.
The story of Almanzo Wilder's life before and after he met Laura Ingalls.

Wilder, Laura Ingalls. **Little House on the Prairie**. HarperCollins, original 1935.
One of her many books depicting life on the prairie and homesteading.

Middle School

Busenberg, Bonnie. **Vanilla, Chocolate & Strawberry**. Lerner Publications Co., 1994.
Describes the history, today's uses and chemistry of vanilla, chocolate and strawberry flavorings.

Druggleby, John. **Artist in Overalls: The Life of Grant Wood**. Chronicle Books, 1995.
The life story of Grant Woods, from his birthplace in Iowa to Paris and back to the land and people he knew best. Includes many of Wood's paintings.

Denee, Joanne. **In the Three Sisters Garden**. Common Roots Press, Food Works Publisher, 1995.
The three sisters – corn, squash and bean – an ancient and contemporary agricultural tradition, are discussed through myths and folklore, craft activities, recipes and gardening procedures.

Hawke, Sharryl Davis and James E. Davis. **Seeds of Change**. Addison-Wesley, 1992.
The story of cultural exchange between the Old and New World since 1492, emphasizing the horse, potato, corn, sugar and disease. Adapted from original Smithsonian edition of Seeds of Change.

Hunter, Sally M. **Four Seasons of Corn: A Winnebago Tradition**. Lerner Publications, 1997.
A 12 year old learns how to grow and dry corn from his Winnebago grandfather.

Maze, Stephanie. **I Want to Be a Veterinarian**. Harcourt Brace & Co., 1997.
Photos and facts describe different kinds of vets, how veterinary science began and where it is headed. Also shows how to begin exploring the career.

National Gardening Association. **Dictionary of Horticulture**. Viking, 1994.
A resource book from A to Z explains and defines gardening terms.

High School

Fisher, Ron. **Heartland of a Continent**. National Geographic Society, 1991.
More than 100 photos and text captures the sweep and space of the American grasslands, its places and people.

Johnson, Sylvia A. **Tomatoes, Potatoes, Corn and Beans**. Simon & Schuster, 1997.
Describes many foods native to the Americas – including corn, peppers, peanuts and chocolate – that were taken to Europe and used in new ways.

Koch, Maryjo. **Seed, Leaf, Flower, Fruit**. Collins, 1995.
Colored drawings and text show the history, cultivation and use of plants.

Lawrence, James M. **Sweet Maple: Life, Lore and Recipes from the Sugarbush**. Chapters Pub Ltd., 1993.
Review of the history and current practices of maple syrup production.

Masumoto, David Mas. **Epitaph for a Peach**. HarperCollins, 1995.
Four seasons in the life of a California peach and raisin farmer.

Smith, Bruce. **Emergence of Agriculture**. Scientific American Library, 1995.
The emergence and expansion of agriculture in many places of the world.

United States Department of Agriculture. **Americans in Agriculture: Portraits of Diversity. The 1990 Yearbook of Agriculture**. 1990.
People of American agriculture, their jobs, lives, goals and families – includes facts and figures about our food and fiber system.

United States Department of Agriculture. **Agriculture and the Environment. The 1991 Yearbook of Agriculture**. 1991.
Examines environmental concerns facing agriculture and indicates what the USDA does about them. Information on ongoing research and technical assistance available to maintain quality of water, land, air and food.

University of California, Davis. **Shaping Agriculture in the 21st Century**. Agricultural Issues Center, 1995.
The report covers the impact of science, environmental perspective and economic factors that will affect agriculture in the next century.

Viola, Herman J. and Carolyn Margolis. **Seeds of Change**. Smithsonian, 1991.
Words and photos explain the encounter and exchange of plants and animals between the Old and New Worlds and the transformation of peoples and land in the 500 years since Columbus.

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Worms 19, 32

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Notes

Notes

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California Foundation for Agriculture in the Classroom
1998 Teacher Resource Guide
Evaluation Form

Once you have had the opportunity to use this *Teacher Resource Guide*, please take a few moments to complete this evaluation form. This guide is intended to help you, the educator, bring agricultural education into your classroom. Please let us know if we met this goal. We value your opinion.

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Please rank the following questions from 1 to 5 (1-needs improvement, 3-satisfactory, 5-excellent)

1. Includes information I can use. 1 2 3 4 5
2. Information is easy to locate within the Teacher Resource Guide 1 2 3 4 5
3. Resources I obtained from other agricultural sources were useful. 1 2 3 4 5
4. Information was current and had correct contact information. 1 2 3 4 5
5. Resource and information list was comprehensive. 1 2 3 4 5
6. In next year's Teacher Resource Guide, I would like to see _____

_____

Additional Comments: _____

_____

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_____Please send the 1999 edition of the *Teacher Resource Guide* when available.

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please circle

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Mission Statement

Agriculture is the basis of civilization - the food we eat, the clothing we wear, the material of our homes and many of our traditions and values . . . all coming from agriculture and collectively setting the pace for a nation's standard of living.

As generations of Americans become more distant from their agrarian origins, fewer and fewer people understand agriculture's importance to society. Yet, increasingly, people with limited agricultural knowledge and background are determining agricultural policy.

What the future holds for agriculture will determine the quality of life for all . . . farmers and ranchers . . . suppliers . . . food processors . . . wholesalers . . . retailers . . . consumers.

The California Foundation for Agriculture in the Classroom works with K-12 teachers, community leaders, media representatives and government executives to enhance education using agricultural examples. We offer school children the knowledge to make informed choices. Some students will choose agriculture as their life's work. All students, as future voters, will make decisions about agriculture.

Our mission is to teach the importance of agriculture for the benefit of everyone. Our goal is to reach every California child, today and tomorrow.

The *1998 Teacher Resource Guide* is funded in part by:

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